Bureau of Development Services

Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget	FY 2019-20 Estimated Budget	
Special Projects								
Information Technology Advanceme	ent Project (S0	00012)		Total Pr	oject Cost:	11,840,828	Area:	Citywide
	Confidence Lo	evel: High		Original	Project Cost:	9,192,168	Objective:	Replacement
Project Description The Information Technology Advancem and permit fee revenues.	nent Project (ITAI	P) includes replac	cement of the bure	eau's permitting a	nd case tracking	software (TRACS). The project is	s funded by license
Total Requirements	2,296,044	3,821,440	5,723,344	C)	0 ()	0 5,723,344
Operating and Maintenance Costs			186,676	194,852	203,50	2 212,660	222,	230

apital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	Estir	018-19 mated dget	FY 2019-2 Estimated Budget		5-Year Total
aintenance and Reliability										
Maintenance Capital - Construction	(E04861)			Total Pro	ject Cost:	Ong	going	Area:	Citywio	de
	Confidence Le	vel: Moderate		Original I	Project Cost:	Ongoing		Objective:	Replac	cement
Project Description										
The sewage and drainage collection s the collection system using city mainte during the course of the year. Exampl manhole replacement, large spot repa bond proceeds repaid by sanitary sew	nance crews and es of work performirs and small recor	equipment. Indivined under this prostructions, diver	dual activities are ject include trash	determined in res rack replacement	ponse to prob , culvert replac	lems identif cement, sur	ied by insp np and se	oection and f diment manh	ield inve nole con	estigations struction,
Total Requirements	21,525,534	230,000	230,000	240,000	240,0	000	240,000	240	,000	1,190,00
Operating and Maintenance Costs			0	0		0	0		0	
Maintenance Capital - Contract (E0	4863)			Total Pro	ject Cost:	Ong	going	Area:	Citywic	de
	Confidence Le	vel: Low		Original I	Project Cost:	Ongoing	, ,	Objective:	Replac	cement
Project Description										
The Maintenance Capital-Contract pro of the inventory, structural failures or n routine sewer inspection program. Dur and property. The project is funded by	ear failures, localizing any given fisca	zed flooding, and Il year, subprojec	hydraulic capacity ts are prioritized b	y problems often o based on the critical	ccur during th	e year. Mar	ny of these	are discove	red thro	ugh the
Total Requirements	77,507,786	2,700,000	2,800,000	3,000,000	3,000,0	000 3	,000,000	3,500	,000	15,300,00
Operating and Maintenance Costs Taggart Basin Relief & Reconstruct	ion TG-3 (E071 Confidence Le		0	•	ject Cost: Project Cost:	3,182,000	2,000	Area:	Souther Replace	
Taggart Basin Relief & Reconstruct Project Description Located in SE Portland – adjacent to t	Confidence Le	evel: Low	s generally bound	Total Pro Original I by Milwaukie, Pov	Project Cost:	3,182 3,182,000 Bush. Proj	2,000 ect will up	Objective:	Southe	cement
Taggart Basin Relief & Reconstruct Project Description Located in SE Portland – adjacent to t street facilities. The project has a pos	Confidence Le	he project area is ratio (CBR) = 0.	s generally bound 13. Funded by bo	Total Pro Original I by Milwaukie, Pow and proceeds repa	Project Cost: well, 17th, and id by sanitary	3,182,000 3,182,000 Bush. Proj sewer and	ect will up	Objective:	Southe	cement ruct green
Project Description Located in SE Portland – adjacent to t street facilities. The project has a pos	Confidence Le	evel: Low	s generally bound 13. Funded by bo 0	Total Pro Original I by Milwaukie, Pow and proceeds repa 186,000	Project Cost:	3,182,000 Bush. Proj sewer and s	ect will up stormwate	Objective: size pipes ar r rates.	Souther Replace	cement ruct green
Taggart Basin Relief & Reconstruct Project Description Located in SE Portland – adjacent to t street facilities. The project has a pos	Confidence Le	he project area is ratio (CBR) = 0.	s generally bound 13. Funded by bo	Total Pro Original I by Milwaukie, Pow and proceeds repa	Project Cost: well, 17th, and id by sanitary	3,182,000 3,182,000 Bush. Proj sewer and	ect will up	Objective: size pipes ar r rates.	Souther Replace	cement ruct green
Project Description Located in SE Portland – adjacent to t street facilities. The project has a pos Total Requirements Operating and Maintenance Costs	Confidence Le	he project area is ratio (CBR) = 0.	s generally bound 13. Funded by bo 0	Total Pro Original I by Milwaukie, Pow and proceeds repa 186,000	Project Cost: well, 17th, and id by sanitary	3,182,000 Bush. Proj sewer and s	ect will up stormwate 2,897,000	Objective: size pipes ar r rates.	Souther Replace and constant c	cement ruct green
Project Description Located in SE Portland – adjacent to t street facilities. The project has a pos Total Requirements Operating and Maintenance Costs	Confidence Le	wel: Low the project area is ratio (CBR) = 0.	s generally bound 13. Funded by bo 0	Total Pro Original I by Milwaukie, Pow and proceeds repa 186,000 0	vell, 17th, and id by sanitary	3,182,000 Bush. Proj sewer and s	ect will up stormwate .,897,000 0	Objective: size pipes ar r rates.	Souther Replace and constant c	ruct green 3,182,00
Taggart Basin Relief & Reconstruct Project Description Located in SE Portland – adjacent to t street facilities. The project has a pos Total Requirements Operating and Maintenance Costs	Confidence Let he TGD projects, the TGD projects, the titive cost to benefit 0	wel: Low the project area is ratio (CBR) = 0.	s generally bound 13. Funded by bo 0	Total Pro Original I by Milwaukie, Pow and proceeds repa 186,000 0	vell, 17th, and id by sanitary 93,0	3,182,000 Bush. Proj sewer and s	ect will up stormwate .,897,000 0	Objective: size pipes ar r rates. 6	Souther Replace and constant c	ruct green 3,182,00
Taggart Basin Relief & Reconstruct Project Description Located in SE Portland – adjacent to t street facilities. The project has a pos Total Requirements Operating and Maintenance Costs Hollywood Stormwater Solutions (E	confidence Let the TGD projects, to titive cost to benefit 0 E07818) Confidence Let erties in the Hollyw Gulch Trunk Sewer	he project area is ratio (CBR) = 0.	s generally bound 13. Funded by bo 0 0 0	Total Pro Original I by Milwaukie, Pow and proceeds repa 186,000 0 Total Pro Original I IE 49th. Constructations by reducing	vell, 17th, and id by sanitary 93,0 ject Cost: Project Cost: t green street surcharge coi	3,182,000 Bush. Proj sewer and some an	ect will up stormwate 2,897,000 0	Objective: size pipes ar r rates. 6 Area: Objective:	Souther Replace of the Constitution of the Con	3,182,00 ermined cement existing sew
Taggart Basin Relief & Reconstruct Project Description Located in SE Portland – adjacent to t street facilities. The project has a pose. Total Requirements Operating and Maintenance Costs Hollywood Stormwater Solutions (E. Project Description Mitigate sewer backup risk to 28 proper mains. Reduce flows to the Sullivan G.	confidence Let the TGD projects, to titive cost to benefit 0 E07818) Confidence Let erties in the Hollyw Gulch Trunk Sewer	he project area is ratio (CBR) = 0.	s generally bound 13. Funded by bo 0 0 0	Total Pro Original I by Milwaukie, Pow and proceeds repa 186,000 0 Total Pro Original I IE 49th. Constructations by reducing	vell, 17th, and id by sanitary 93,0 ject Cost: Project Cost: t green street surcharge coi	3,182,000 Bush. Proj sewer and some an	ect will up stormwate 2,897,000 0	Objective: size pipes ar r rates. 6 Area: Objective:	Souther Replace of the Constitution of the Con	aruct green 3,182,00 ermined erment existing sew
Project Description Located in SE Portland – adjacent to t street facilities. The project has a post Total Requirements Operating and Maintenance Costs Hollywood Stormwater Solutions (E Project Description Mitigate sewer backup risk to 28 proper mains. Reduce flows to the Sullivan Gehab project to facilitate construction	confidence Leader Leade	he project area is ratio (CBR) = 0. 0 vel: High ood area: NE 46i (adjacent to I-84) ded by bond pro	s generally bound 13. Funded by bo 0 0 0	Total Pro Original I by Milwaukie, Pow and proceeds repa 186,000 0 Total Pro Original I IE 49th. Construct ations by reducing anitary sewer and	vell, 17th, and id by sanitary 93,0 ject Cost: Project Cost: t green street surcharge coi	3,182,000 Bush. Proj sewer and s 100 2 0 1,375 14,473,00 facilities, sunditions. Thates.	ect will up stormwate ,897,000 0 5,300 0	Objective: size pipes ar r rates. 6 Area: Objective: two spot rep may be com	Souther Replace airs on bined w	aruct green 3,182,00 ermined exement existing sew ith a Phase
Project Description Located in SE Portland – adjacent to t street facilities. The project has a pose. Total Requirements Operating and Maintenance Costs Hollywood Stormwater Solutions (In Project Description Mitigate sewer backup risk to 28 propermains. Reduce flows to the Sullivan Control Repairs (In Total Requirements) Operating and Maintenance Costs	confidence Leader TGD projects, to the TGD projects in the Hollyw Gulch Trunk Sewer a coordination. Fur 1,149,300	he project area is ratio (CBR) = 0. ovel: High ood area: NE 46i (adjacent to I-84) ded by bond pro	s generally bound 13. Funded by bo 0 0 0	Total Pro Original I by Milwaukie, Pow and proceeds repa 186,000 0 Total Pro Original I IE 49th. Construct ations by reducing anitary sewer and 0 0 Total Pro Original I	vell, 17th, and id by sanitary 93,0 ject Cost: Project Cost: t green street surcharge constormwater radical stormwater radical	3,182,000 Bush. Proj sewer and s 100 2 0 1,375 14,473,00 facilities, sunditions. Thates. 0 0	ect will up stormwate ,897,000 0 5,300 0 umps, and nis project 0 2,000	Objective: size pipes ar r rates. 6 Area: Objective: two spot repmay be com	Souther Replace and construction of the Replace airs on bined with the Replace airs of the Replace airs on bined with the Replace airs of the R	aruct green 3,182,00 ermined existing sew ith a Phase
Taggart Basin Relief & Reconstruct Project Description Located in SE Portland – adjacent to t street facilities. The project has a pose. Total Requirements Operating and Maintenance Costs Hollywood Stormwater Solutions (In the Project Description of Mitigate sewer backup risk to 28 propermains. Reduce flows to the Sullivan Control Repairs (In the Sullivan Control Requirements) Operating and Maintenance Costs	confidence Let the TGD projects, to the TGD projects to the TGD projects, to the TGD projects, to the TGD projects to the TGD projects,	he project area is ratio (CBR) = 0. ovel: High ood area: NE 46i (adjacent to I-84) ded by bond pro	s generally bound 13. Funded by bo 0 0 0	Total Pro Original I by Milwaukie, Pow and proceeds repa 186,000 0 Total Pro Original I IE 49th. Construct ations by reducing anitary sewer and 0 0 Total Pro Original I	vell, 17th, and id by sanitary 93,0 ject Cost: Project Cost: t green street surcharge costormwater ra	3,182,000 Bush. Proj sewer and s 100 2 0 1,375 14,473,00 facilities, sunditions. Thates. 0 0	ect will up stormwate ,897,000 0 5,300 0 umps, and nis project 0 2,000	Objective: size pipes ar r rates. 6 Area: Objective: two spot rep may be com	Souther Replace and construction of the Replace airs on bined with the Replace airs of the Replace airs on bined with the Replace airs of the R	aruct green 3,182,00 ermined existing sew ith a Phase 226,00
Project Description Located in SE Portland – adjacent to t street facilities. The project has a post Total Requirements Operating and Maintenance Costs Hollywood Stormwater Solutions (E. Project Description Mitigate sewer backup risk to 28 proper mains. Reduce flows to the Sullivan C. Rehab project to facilitate construction Total Requirements	confidence Let the TGD projects, to the TGD projects, to the trive cost to benefit to the trive cost to be trive cos	he project area is ratio (CBR) = 0. ovel: High ood area: NE 46i (adjacent to I-84ided by bond pro 105,000 vel: Low anging in size fro	s generally bound 13. Funded by bo 0 0 0 th, NE 47th, and N) to improve operaceeds repaid by s 226,000 0	Total Pro Original I by Milwaukie, Pow and proceeds repa 186,000 0 Total Pro Original I IE 49th. Constructations by reducing anitary sewer and 0 Total Pro Original I ieve basement flo	Project Cost: vell, 17th, and id by sanitary 93,0 ject Cost: Project Cost: t green street surcharge core stormwater radical	3,182,000 Bush. Proj sewer and sign of the	ect will up stormwate 2,897,000 0 5,300 0 umps, and nis project 0 2,000	Objective: size pipes ar rates. 6 Area: Objective: two spot repmay be com 2 Area: Objective:	Souther Replace of the Constitution of the Con	aruct green 3,182,00 ermined cement existing sew ith a Phase 226,00 east cement
Taggart Basin Relief & Reconstruct Project Description Located in SE Portland – adjacent to t street facilities. The project has a pose. Total Requirements Operating and Maintenance Costs Hollywood Stormwater Solutions (E. Project Description Mitigate sewer backup risk to 28 propermains. Reduce flows to the Sullivan C. Rehab project to facilitate construction. Total Requirements Operating and Maintenance Costs NEW - Beech Essex CP-G (E08385) Project Description Construct approximately 15,000 linear	confidence Let the TGD projects, to the TGD projects, to the trive cost to benefit to the trive cost to be trive cos	he project area is ratio (CBR) = 0. ovel: High ood area: NE 46i (adjacent to I-84ided by bond pro 105,000 vel: Low anging in size fro	s generally bound 13. Funded by bo 0 0 0 th, NE 47th, and N) to improve operaceeds repaid by s 226,000 0	Total Pro Original I by Milwaukie, Pow and proceeds repa 186,000 0 Total Pro Original I IE 49th. Constructations by reducing anitary sewer and 0 Total Pro Original I ieve basement flo	Project Cost: vell, 17th, and id by sanitary 93,0 ject Cost: Project Cost: t green street surcharge core stormwater radical	3,182,000 Bush. Proj sewer and sign of the	ect will up stormwate 2,897,000 0 5,300 0 umps, and nis project 0 2,000	Objective: size pipes ar rates. 6 Area: Objective: two spot repmay be com 2 Area: Objective:	Souther Replace of the Constitution of the Con	aruct green 3,182,00 ermined eement existing sew ith a Phase 226,00 east eement

Capital Improvement Plan Summaries

Capital Program	Prior	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-1	9 FY 2019-2	0	
Project	Years	Revised	Adopted	Estimated	Estimated	Estimated			Year
	Capital	Budget	Budget	Budget	Budget	Budget	Budget	Т	otal
aintenance and Reliability									
Beech Essex CP-K (E08386)				Total Pr	oject Cost:	1,446,000	Area:	Northeast	
	Confidence Le	vel: Low		Origina	Project Cost:	1,446,000	Objective:	Replaceme	ent
Project Description									
Construct approximately 1,540 linear for Russell, Vancouver, Thompson, and B rates.									
Total Requirements	0	53,000	0	(299,0	000 1,140	,000	0	1,439,00
Operating and Maintenance Costs			0	()	0	0	0	
NWN: Far North Nicolai (E08401)				Total Pr	oject Cost:	5,140,000	Area:	Northwest	
Titti i i i i i i i i i i i i i i i i i	Confidence Le	vel: High			Project Cost:	, ,	Objective:		ent
Project Description		-		_	-			•	
This project constructs approximately 8	3,000 linear feet of	pipe ranging in s	ize from 8" to 30"	to relieve baser	nent sewer bacl	kups and addres	s pipe condition a	nd hydraulic	capacit
problems. Located in NW Portland, the Funded by bond proceeds repaid by sa				Thurman, and 28	th. The project	has a positive co	ost to benefit ratio	(CBR) = 1.0	04.
Total Requirements	519,287	2,090,000	4,500,000	()	0	0	0	4,500,00
Operating and Maintenance Costs			0	()	0	0	0	
Project Description This project is part of a previously plan 21st and 22nd avenues. The existing of Master Plan, is expected to increase the	clay pipes are ove	r 100 years old ar	nd too small resul	ting in potential	sewer backups.	The adjacent no			
Total Requirements	25,933	0	700,000	(0	0	0	700,00
Operating and Maintenance Costs		·	0	(0	0	0	
Parall Faran OR 1 (F000FC)				TI.D.		7.570.000	A	No. allo a a a d	
Beech-Essex CP-J (E08656)	Confidence Le	vel: Low			oject Cost: I Project Cost:	7,572,000 8.253.000	Objective:	Northeast Replaceme	⊃nt
		2011				-,,	0.0,000.	Порідостії	5110
Project Description Reduce the risk of basement back up t N/NE Portland, the project area is gene proceeds repaid by sanitary sewer and	erally bound by Fa	rgo, 7th, Sacrame							
Total Requirements	0	0	0	()	0 57	,000 897	,000	954,00
Operating and Maintenance Costs			0	()	0	0	0	
NWN: East Nicolai (E08658)				Total Pr	oject Cost:	7,063,000	Area:	Northwest	
	Confidence Le	vel: Low		Origina	Project Cost:	6,837,000	Objective:	Replaceme	ent
Project Description									
The project will relieve basement sewe Portland, the project area is generally be combined sewer pipe, construction of 2 Funded by bond proceeds repaid by sa	oound by Kearney 2,000 linear feet o	, 21st, Burnside, a new stormwater	and Maywood. Propine, and a new v	roject includes th	e repair and/or	upsizing of appre	oximately 11,500	linear feet of	f
Total Requirements	0	0	0	(524,0	000 3,399	,000 3,140	,000	7,063,0

0

0

0

0

0

Operating and Maintenance Costs

		Oapitai iiii	provenient	i iaii Gaiiiii	iarics					
Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget		ted	FY 2019-2 Estimated Budget		5-Year Total
Maintenance and Reliability										
TGD: SE Powell Green Street and P	Pipe Reconstru	ction (E08659)	Total Pr	oject Cost:	5,232,0	00	Area:	Souther	ast
	Confidence Le	evel: High		Original	Project Cost:	7,026,000	(Objective:	Replace	ement
Project Description This project reconstructs approximatel project also constructs 50 vegetated si bound (1) between Taggart and 7th an and stormwater rates.	tormwater infiltration	on facilities. This	project is a combi	nation of three p	rior projects. L	ocated in SE, t	here are	two project	areas g	enerally
Total Requirements	998,648	1,600,000	3,800,000	90,000	92,0	000	0		0	3,982,00
Operating and Maintenance Costs			0	()	0	0	3,	,000	
TGD:SE Clinton-Caruthers System	Improvements Confidence Le	` '			oject Cost: Project Cost:	4,147,00 : 612,000		Area: Objective:	Southe	
Project Description Construct improvements to relieve sey green street facilities, two blocks of pe stormwater rates.										
Total Requirements	1,565,421	950,000	50,000	50,000)	0	0		0	100,00
Operating and Maintenance Costs			0	()	0	2,000	2,	,000	
Project Description Construct improvements to relieve sev 40th. Project includes an estimated 7, sewer and stormwater rates.	Confidence Le	evel: Optimal ehabilitate pipe.		Original		ally bound by D) Division a	Objective:	ard betwe	ement een 13th an
Total Requirements	5,454,083	500.000	50,000	50,000	`	0	0		0	100,00
Operating and Maintenance Costs	3,434,063	300,000	0	,)	0	4,000	4,	,000	100,00
TGD: SE Hawthorne Greenstreet an	nd Pipe Recons Confidence Le	•	668)		oject Cost: Project Cost:	6,545,00 : 2,216,000		Area: Objective:	Souther	
Project Description This project combines E08671 and E0 bound by Yamhill, 46th, Main, and 49th to 111 parcels and street flooding at 2	h. Together the pro	ojects will rehab 2	4,813 linear feet of	f pipe, install 28	stormwater faci	ilities, plant 277	trees, a			
Total Requirements	1,096,516	898,000	4,500,000	200,000	85,0	000	0		0	4,785,00
Operating and Maintenance Costs			0	()	0	0	2,	,000	
NWN: BCC Support Project (E0901)	7) Confidence Le	e vel: High			oject Cost: Project Cost:	3,200,00 : 5,912,000		Area: Objective:	Northwe Replace	
Project Description This project constructs improvements is generally bound by Yeon, 29th, Nico									and, the	project area
Total Requirements	664,171	1,581,000	1,670,000	()	0	0		0	1,670,00
Operating and Maintenance Costs			0	()	0	0		0	

Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget	FY 2019-2 Estimated Budget	d 5-Year
laintenance and Reliability								
NWN: Southeast Tanner (E09019)				Total Pro	oject Cost:	3,809,000	Area:	Northwest
	Confidence Le	evel: Low		Original	Project Cost:	3,688,000	Objective:	Replacement
Project Description								
Construct improvements to replace pip generally bound by Overton, 9th, Evere benefit ratio (CBR) = 0.36. Funded by	ett, and 15th. The	project is a hydra	aulic dependency f	or the Southwest				
Total Requirements	0	0	0	335,000	975,0	00 2,499,00	00	0 3,809,00
Operating and Maintenance Costs			0	0	1	0	0	0
Fanno Basin System Improvement	(E09045)			Total Pro	oject Cost:	82,600,000	Area:	Southwest
,	Confidence Le	evel: High		Original	Project Cost:		Objective:	Replacement
Project Description								
This group of projects will repair, replace station and improvements to the main							include expans	ion of the pump
Total Requirements	61,549,333	11,730,000	6,092,000	0	ı	0	0	0 6,092,00
Operating and Maintenance Costs			0	320,000	320,0	00 320,00	00 320	,000
NWN: Southwest Tanner (E10028)	Confidence Le	evel: Low			oject Cost: Project Cost:	7,234,000 7,234,000		Southwest Replacement
Project Description Construct improvements to replace pip reduce the risk of basement sewer bac project is hydraulically dependent upor sewer and stormwater rates.	kups to 117 prope	erties. Located in	NW Portland, the	project area is g	generally bound	by Johnson, Inters	state 405, Couc	h, and 23rd. This
Total Requirements	0	0	0	0	520,0	00 677,00	0 2,992	,000 4,189,00
Operating and Maintenance Costs			0	0	1	0	0	0
SE Interceptor Rehabilitation (E100)	30)			Total Pro	oject Cost:	14,200,000	Area:	Southeast
	Confidence Le	evel: Low		Original	Project Cost:	8,322,000	Objective:	Maintenance & Rep
Project Description This project rehabilitates two sections to 53 feet, from the intersection of SE 0 feet located between SE Caruthers and	Grand and Pine no	orth to NE Davis	and west in NE Da	avis to NE 3rd; ar	nd 1,330 lineal f	eet of 66 inch x 54		
Total Requirements	224,439	495,000	3,500,000	6,000,000	4,000,0	00	0	0 13,500,00
Operating and Maintenance Costs			0	0	1	0	0	0
Phase 2 Pipe Rehabilitation (E1003	1)			Total Pro	oject Cost:	126,000,000	Area:	Citywide
	Confidence Le	evel: Moderate		Original	Project Cost:	123,000,000	Objective:	Maintenance & Re
Project Description This program includes structural rehab pipes have been prioritized based on b								
repaid by sanitary sewer and stormwat	er rates.			-	•			•
Total Requirements	37,493,401	41,028,000	32,252,000	28,713,000	4,703,0	00	0	0 65,668,00
Operating and Maintenance Costs			0	0	1	0	0	0

Capital Improvement Plan Summaries

		Capital Im	provement	Plan Summ	naries			
Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget	FY 2019-2 Estimated Budget	d 5-Year
Maintenance and Reliability								
Fanno Creek Infiltration and Inflow	(E10035)			Total Pr	oject Cost:	13,917,000	Area:	Southwest
	Confidence Lo	evel: Low		Original	Project Cost:	13,917,000	Objective:	Maintenance & Repa
Project Description								
Resolve known local basement and su removal of infiltration and inflow (I&I) o reductions. Funded by bond proceeds	n private property	. Targeted conve	eyance improveme					
Total Requirements	668,295	1,056,000	350,000	3,100,000	3,800,0	000	0	0 7,250,000
Operating and Maintenance Costs			0	()	0	0	0
Stark HSS-17 (E10216)	Confidence L	evel: Low			oject Cost: Project Cost:	13,242,000 13,242,000		Southeast Replacement
Project Description				J	•		•	
Replace pipes in poor structural condit 32nd, SE Stark, and SE 21st. Replace collect stormwater runoff from approxir sanitary sewer and stormwater rates.	e 400 linear feet o	f poor condition p	pipe, upsize 10,500) linear feet of hy	draulically defic	cient pipe, and cor	nstruct new greei	n street facilities to
Total Requirements	0	0	0	C)	0 984,0	1,278	,000 2,262,000
Operating and Maintenance Costs			0	()	0	0	0
Wheeler WHE-04 (E10219)				Total Pr	oject Cost:	9,445,000	Area:	Northeast
	Confidence L	evel: Low		Original	Project Cost:	10,016,000	Objective:	Replacement
Project Description								
Construct improvements to relieve stre project will reduce the risk of basemen sanitary sewer and stormwater rates.								
Total Requirements	75,443	0	300,000	515,000	3,000,0	000 4,039,0	000 500	,000 8,354,000
Operating and Maintenance Costs			0	()	0	0	0
Structural Rehab Taggart Outfall 30	(E10220)			Total Pr	oject Cost:	14,805,000	Area:	Southeast
	Confidence Lo	evel: Low		Original	Project Cost:	14,805,000	Objective:	Maintenance & Repa
Project Description								
This project includes structural rehabili This project is funded by bond proceed				r. The sewer rang	ges in size from	64 to 118 inches	in diameter at de	epths of 20 to 65 feet.
Total Requirements	200,230	1,405,000	650,000	1,630,000	7,250,0	4,000,0	000	0 13,530,000

Operating and Maintenance Costs

0

0

0

0

0

apital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget	FY 2019-20 Estimated Budget	i 5	i-Year Total
aintenance and Reliability									
Owner Controlled Insurance Progra	•	10222) evel: Moderate			pject Cost: Project Cost:	5,000,000 3.850.000	Area: Objective:	Citywide	
Project Description Owner controlled insurance program for			s million Funded		•		-	,	
Total Requirements	4.143.072	800,000	500,000	300,000		0	0	0	800,00
Operating and Maintenance Costs	1,110,072	000,000	0	0		0	0	0	000,00
Tryon SS Protection 1A TCWTP to F	lwy 43 (E1025	1)		Total Pro	oject Cost:	4,200,000	Area:	Undeterm	nined
•	Confidence Le	evel: Moderate		Original	Project Cost:	1,900,000	Objective:	Replacem	nent
Project Description Upgrade the Tryon Creek Sewer from		wastewater treatm	nent plant approxii	mately 1,850 feet	upstream into	Tryon Creek State	e Park. Funded	by bond pr	roceeds
repaid by sanitary sewer and stormwat		C40.000	1 000 000	1 400 000		0	0	0	0.400.00
Total Requirements Operating and Maintenance Costs	1,034,794	640,000	1,000,000	1,400,000		0	0	0	2,400,00
	Confidence Le	evel: Low		Original	Project Cost:	10,398,000	Objective:	Maintena	nce & Rep
Alder: Eastside Industrial Recon/Gr Project Description Upsize pipe segments and install stree generally bound by Madison, 10th, She stormwater rates.	et, roof, and parkin	g stormwater con		eet flooding and I	pasement sewe	er backup to 146 p	properties. Locat	ed in SE, t	the area is
Project Description Upsize pipe segments and install stree generally bound by Madison, 10th, She	et, roof, and parkin	g stormwater con		eet flooding and I	pasement sewe = 0.29. Funder	er backup to 146 pd by bond proceed	properties. Locat ds repaid by sani	ed in SE, t tary sewer	the area is and
Project Description Upsize pipe segments and install stree generally bound by Madison, 10th, She stormwater rates.	et, roof, and parkin erman, and 6th. T	g stormwater con he project has a p	positive cost to be	eet flooding and I nefit ratio (CBR)	pasement sewe = 0.29. Funded	er backup to 146 pd by bond proceed	properties. Locat ds repaid by sani	ed in SE, t tary sewer	the area is
Project Description Upsize pipe segments and install stree generally bound by Madison, 10th, She stormwater rates. Total Requirements Operating and Maintenance Costs	et, roof, and parkin erman, and 6th. T 0	g stormwater con he project has a p 0	positive cost to be	pet flooding and I nefit ratio (CBR) 0	pasement sewe = 0.29. Funded	er backup to 146 g d by bond proceed 00 1,572,0	oroperties. Locat ds repaid by sani 00 3,600,	ed in SE, t tary sewer	the area is and 5,416,00
Project Description Upsize pipe segments and install stree generally bound by Madison, 10th, She stormwater rates. Total Requirements	et, roof, and parkin erman, and 6th. T 0	g stormwater con he project has a p 0	positive cost to be	eet flooding and I nefit ratio (CBR) 0 0	pasement sewe = 0.29. Funder 244,0	or backup to 146 pd by bond proceed 00 1,572,0 0 11,255,000	oroperties. Locat ds repaid by sani 00 3,600,	ed in SE, t tary sewer 000 0	the area is and 5,416,00
Project Description Upsize pipe segments and install stree generally bound by Madison, 10th, She stormwater rates. Total Requirements Operating and Maintenance Costs	et, roof, and parking rman, and 6th. To a construction of the confidence Less pipe segments in ties. Located in S	g stormwater con he project has a p 0 67) evel: Low	oositive cost to be 0 0 psize pipe segme	eet flooding and Inefit ratio (CBR) 0 Total Pro Original Ints and install sterally bound by S	pasement sewer = 0.29. Funder 244,0 piect Cost: Project Cost: reet, roof and patark, 37th, Taylor 1,0 piect Cost 2,0 piect C	er backup to 146 pd by bond proceed 00 1,572,0 0 11,255,000 arking stormwate or, and 20th. This	oroperties. Located serepaid by sanion of the sanion of th	ed in SE, t tary sewer 000 0 Southeas Replacem	the area is and 5,416,000 t
Project Description Upsize pipe segments and install stree generally bound by Madison, 10th, She stormwater rates. Total Requirements Operating and Maintenance Costs Alder: Sunnyside North Recon/Gree Project Description Construct improvements to rehabilitate basement sewer backup to 318 proper Sunnyside South and East. The three	et, roof, and parking rman, and 6th. To a construction of the confidence Less pipe segments in ties. Located in S	g stormwater con he project has a p 0 67) evel: Low	oositive cost to be 0 0 psize pipe segme roject area is gene	eet flooding and Inefit ratio (CBR) 0 Total Pro Original Ints and install sterally bound by S	pasement sewe = 0.29. Funder 244,0 pject Cost: Project Cost: reet, roof and p tark, 37th, Tayl Funded by bor	er backup to 146 pd by bond proceed 11,572,0 11,255,000 11,255,000 arking stormwate or, and 20th. This diproceeds repair	oroperties. Located by sanion of the sanion	sed in SE, to tary sewer 1000 0 Southeas Replacem ve street fle complete ver and sto	the area is and 5,416,000 t ment ooding and d prior to ormwater
Project Description Upsize pipe segments and install stree generally bound by Madison, 10th, She stormwater rates. Total Requirements Operating and Maintenance Costs Alder: Sunnyside North Recon/Gree Project Description Construct improvements to rehabilitate basement sewer backup to 318 proper Sunnyside South and East. The three rates.	enstreet (E1036 Confidence Le	g stormwater con he project has a p 0 67) evel: Low a poor condition, use Portland, the prombined positive of the positive of the positive of the prombined positive of the project has a property of the project has a project	oositive cost to be 0 0 psize pipe segme roject area is gene cost to benefit rational cost to be	eet flooding and Inefit ratio (CBR) 0 Total Pro Original Ints and install sterally bound by So (CBR) = 0.18.	pasement sewe = 0.29. Funder 244,0 pject Cost: Project Cost: reet, roof and p tark, 37th, Tayl Funded by bor	er backup to 146 pd by bond proceed 11,572,0 11,255,000 11,255,000 arking stormwate or, and 20th. This diproceeds repair	oroperties. Located by sanion of the sanion	sed in SE, to tary sewer 1000 0 Southeas Replacem ve street fle complete ver and sto	t to ooding ard d prior to ormwater
Project Description Upsize pipe segments and install stree generally bound by Madison, 10th, She stormwater rates. Total Requirements Operating and Maintenance Costs Alder: Sunnyside North Recon/Gree Project Description Construct improvements to rehabilitate basement sewer backup to 318 proper Sunnyside South and East. The three rates. Total Requirements	et, roof, and parking rman, and 6th. To a construction of the confidence Less pipe segments in ties. Located in Sprojects have a confidence a confid	g stormwater con he project has a p 0 67) evel: Low a poor condition, use Portland, the prombined positive of	opsitive cost to be 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ret flooding and benefit ratio (CBR) Total Pro Original Ints and install sterally bound by So (CBR) = 0.18. 1,053,000	pasement sewe = 0.29. Funder 244,0 pject Cost: Project Cost: reet, roof and p tark, 37th, Tayl Funded by bor	er backup to 146 pd by bond proceed 11,572,0 11,255,000 11,255,000 arking stormwate or, and 20th. This diproceeds repair	oroperties. Located serepaid by sanial of the sanial of th	sed in SE, to tary sewer 1000 0 Southeas Replacem ve street file complete ver and sto 0	t t nent ooding and d prior to romwater
Project Description Upsize pipe segments and install stree generally bound by Madison, 10th, She stormwater rates. Total Requirements Operating and Maintenance Costs Alder: Sunnyside North Recon/Gree Project Description Construct improvements to rehabilitate basement sewer backup to 318 proper Sunnyside South and East. The three rates. Total Requirements Operating and Maintenance Costs	et, roof, and parking rman, and 6th. To a construction of the confidence Less pipe segments in ties. Located in Sprojects have a confidence a confid	g stormwater con he project has a property of the project has a proj	opsitive cost to be 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	reet flooding and lenefit ratio (CBR)	pasement sewe = 0.29. Funder 244,0 pject Cost: Project Cost: reet, roof and p tark, 37th, Tayl Funded by bor 5,127,0	er backup to 146 pd by bond proceed 00 1,572,0 0 11,255,000 11,255,000 arking stormwate or, and 20th. This did proceeds repaid 00 4,266,0 0	oroperties. Located serepaid by sanial of the sanial of th	sed in SE, to tary sewer 1000 0 Southeas Replacement ve street flee complete ver and sto 10 0 Southeas Southeas	the area is and 5,416,000 t to the area is and the area is an area
Project Description Upsize pipe segments and install stree generally bound by Madison, 10th, She stormwater rates. Total Requirements Operating and Maintenance Costs Alder: Sunnyside North Recon/Gree Project Description Construct improvements to rehabilitate basement sewer backup to 318 proper Sunnyside South and East. The three rates. Total Requirements Operating and Maintenance Costs	enstreet (E1036 Confidence Le e pipe segments in ties. Located in Sprojects have a confidence Le confidence Le confidence Le confidence Le segments, and insea is generally bou	g stormwater con he project has a property of the project has a projec	positive cost to be 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	reter flooding and Inefit ratio (CBR) 0 Total Pro Original Ints and install sterally bound by So (CBR) = 0.18. 1,053,000 Total Pro Original	pasement sewe = 0.29. Funded 244,0 pject Cost: Project Cost: reet, roof and p tark, 37th, Tayl Funded by bor 5,127,0 pject Cost: Project Cost:	er backup to 146 pd by bond proceed 1,572,0 11,255,000 11,255,000 11,255,000 arking stormwate or, and 20th. Third proceeds repaired 4,266,0 6,567,000 6,537,000 coding and basem	oroperties. Locate des repaid by saniate des repaid by saniate des repaid by saniate des repaid by saniate des project must be desprised by saniatery seweres. Objective:	sed in SE, to tary sewer and southeas Replacem ve street file complete ver and sto a southeas Replacem p to 204 pi	t the area is and 5,416,000 t the nent cooling and diprior to the nent cooling and the nent cooling are the nent c
Project Description Upsize pipe segments and install stree generally bound by Madison, 10th, She stormwater rates. Total Requirements Operating and Maintenance Costs Alder: Sunnyside North Recon/Gree Project Description Construct improvements to rehabilitate basement sewer backup to 318 proper Sunnyside South and East. The three rates. Total Requirements Operating and Maintenance Costs Alder: Sunnyside South Recon/ Gree Project Description Construct improvement to upsize pipe Located in SE Portland, the project are	enstreet (E1036 Confidence Le e pipe segments in ties. Located in Sprojects have a confidence Le confidence Le confidence Le confidence Le segments, and insea is generally bou	g stormwater con he project has a property of the project has a projec	positive cost to be 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	reter flooding and Inefit ratio (CBR) 0 Total Pro Original Ints and install sterally bound by So (CBR) = 0.18. 1,053,000 Total Pro Original	pasement sewe = 0.29. Funder 244,0 2	er backup to 146 pd by bond proceed 11,572,0 11,255,000 11,255,000 arking stormwate or, and 20th. This id proceeds repair 4,266,0 6,567,000 6,537,000 oding and baseme net benefit to come	oroperties. Located serepaid by sanited by sanitary sew several by sanitary sew several by sanitary sew of the sewer backup of the sewer bac	sed in SE, to tary sewer on the	the area is and 5,416,00 t nent ooding an d prior to rrmwater 11,255,00 t nent

apital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget	FY 2019-2 Estimated Budget	
aintenance and Reliability								
Alder: Ladd's Addition South Recor	nstruction/Gree	nstreets (E10	369)	Total Pro	ject Cost:	4,668,000	Area:	Southeast
	Confidence Le	vel: Low		Original	Project Cost:	4,519,000	Objective:	Replacement
Project Description Construct improvements to rehabilitate flooding and basement sewer backup benefit ratio (CBR) = 0.20. Funded by	to 76 properties. T	he project area i	s generally bound	by Market, 20th,				
Total Requirements	0	0	0	229,000	543,00	00 1,931,00	00 1,965	,000 4,668
Operating and Maintenance Costs			0	0		0	0	0
Alder: Sunnyside East South Recor	n Greenstreets	(E10370)		Total Pro	oject Cost:	2,879,000	Area:	Southeast
•	Confidence Le			Original	Project Cost:	2,879,000	Objective:	Replacement
Project Description								
Construct improvements to upsize pipe Located in SE Portland, the project are proceeds repaid by sanitary sewer and	ea is generally bou							
Total Requirements	91,721	103,000	365,000	2,411,000		0	0	0 2,776
Operating and Maintenance Costs			0	0		0	0	0
Alder: Buckman East Reconstruction	on/Greenstreet Confidence Le	` '			pject Cost: Project Cost:	7,044,000 6,819,000		Southeast Maintenance &
Project Description Rehabilitate pipe segments that are in backup to 189 properties. Located in S	Confidence Le	vel: Low size pipe segmenterally bound by S		Original et, roof and park	Project Cost:	6,819,000	Objective:	Maintenance & and basement se
Project Description Rehabilitate pipe segments that are in backup to 189 properties. Located in S bond proceeds repaid by sanitary sewer	poor condition, up: E, the area is generand stormwater	vel: Low size pipe segme erally bound by S rates.	Stark, 29th, Hawth	Original eet, roof and park orne, and 14th. T	Project Cost: ing stormwater he project has a	6,819,000 controls to relieve a positive cost to be	Objective: street flooding enefit ratio (CB	Maintenance & and basement se R) = 0.28. Funde
Project Description Rehabilitate pipe segments that are in backup to 189 properties. Located in S	Confidence Le	vel: Low size pipe segmenterally bound by S		Original et, roof and park	Project Cost: sing stormwater he project has a	6,819,000 controls to relieve a positive cost to be	Objective: street flooding enefit ratio (CB	Maintenance & and basement se R) = 0.28. Funde
Project Description Rehabilitate pipe segments that are in backup to 189 properties. Located in S bond proceeds repaid by sanitary sewer Total Requirements	poor condition, up: E, the area is generand stormwater 0	vel: Low size pipe segme erally bound by S atles.	Stark, 29th, Hawth	Original et, roof and park orne, and 14th. T 0 0 Total Pro	Project Cost: ing stormwater he project has a 294,00 pject Cost:	6,819,000 controls to relieve a positive cost to b 00 872,00 13,950,000	Objective: street flooding enefit ratio (CB 00 2,913 0 Area:	Maintenance & and basement se R) = 0.28. Funde 000 4,079 0 Southwest
Project Description Rehabilitate pipe segments that are in backup to 189 properties. Located in S bond proceeds repaid by sanitary sewer Total Requirements Operating and Maintenance Costs	poor condition, up: E, the area is gener and stormwater	vel: Low size pipe segme erally bound by S atles.	Stark, 29th, Hawth	Original et, roof and park orne, and 14th. T 0 0 Total Pro	Project Cost: ing stormwater he project has a	6,819,000 controls to relieve a positive cost to b 00 872,00 13,950,000	Objective: street flooding enefit ratio (CB 00 2,913 0 Area:	Maintenance & and basement se R) = 0.28. Funde 000 4,079 0
Project Description Rehabilitate pipe segments that are in backup to 189 properties. Located in S bond proceeds repaid by sanitary sewer Total Requirements Operating and Maintenance Costs	poor condition, up: E, the area is generand stormwater 0 offlow (E10474) Confidence Le	vel: Low size pipe segme erally bound by S ates. 0	Stark, 29th, Hawth	Original et, roof and park orne, and 14th. T 0 Total Pro Original	Project Cost: ing stormwater he project has a 294,00 pject Cost: Project Cost:	6,819,000 controls to relieve a positive cost to b 00 872,00 0 13,950,000	Objective: street flooding enefit ratio (CB 00 2,913 0 Area: Objective:	Maintenance & and basement se R) = 0.28. Funde 000 4,079 0 Southwest Maintenance &
Project Description Rehabilitate pipe segments that are in backup to 189 properties. Located in S bond proceeds repaid by sanitary sewed Total Requirements Operating and Maintenance Costs Burlingame Basin Infiltration and Infiltration Reduce the stormwater flow into the same project Description	poor condition, up: E, the area is generand stormwater 0 offlow (E10474) Confidence Le	vel: Low size pipe segme erally bound by S ates. 0	Stark, 29th, Hawth	Original et, roof and park orne, and 14th. T 0 Total Pro Original	Project Cost: ing stormwater he project has a 294,00 pject Cost: Project Cost:	controls to relieve a positive cost to be control to relieve a positive cost to be control to the cost to th	Objective: street flooding lenefit ratio (CB) 00 2,913 0 Area: Objective:	Maintenance & and basement se R) = 0.28. Funde 000 4,079 0 Southwest Maintenance & nitary sewer and
Project Description Rehabilitate pipe segments that are in backup to 189 properties. Located in S bond proceeds repaid by sanitary sewer Total Requirements Operating and Maintenance Costs Burlingame Basin Infiltration and Infiltration Reduce the stormwater flow into the satternance to the stormwater rates.	poor condition, up: E, the area is generand stormwater 0 offlow (E10474) Confidence Leanitary sewers and	vel: Low size pipe segmenterally bound by Strates. 0 vel: Low eliminate sanita	Stark, 29th, Hawth	Original et, roof and park orne, and 14th. T 0 Total Pro Original in the Burlingan	Project Cost: ing stormwater he project has a 294,00 pject Cost: Project Cost: ne basin. Funde	controls to relieve a positive cost to be control to relieve a positive cost to be control to the cost to th	Objective: street flooding lenefit ratio (CB) 00 2,913 0 Area: Objective:	Maintenance & and basement se R) = 0.28. Funde 000 4,079 0 Southwest Maintenance & nitary sewer and
Project Description Rehabilitate pipe segments that are in backup to 189 properties. Located in S bond proceeds repaid by sanitary sewed Total Requirements Operating and Maintenance Costs Burlingame Basin Infiltration and Infiltration Reduce the stormwater flow into the satormwater rates. Total Requirements	poor condition, up: E, the area is generand stormwater 0 offlow (E10474) Confidence Leanitary sewers and 4,348,321	vel: Low size pipe segment rally bound by Strates. 0 vel: Low eliminate sanita 2,934,000 on (E10489)	Stark, 29th, Hawth 0 0 vry sewer overflows 3,436,000	Original et, roof and park orne, and 14th. T O Total Pro Original in the Burlingan 200,000 Total Pro	Project Cost: ing stormwater he project has a 294,00 pject Cost: Project Cost: ne basin. Funde	6,819,000 controls to relieve a positive cost to be 200 872,000 13,950,000 13,950,000 2,650,000 4,662,000	Objective: street flooding lenefit ratio (CB) 00 2,913 0 Area: Objective: ds repaid by sa 00 1,000 0 Area:	Maintenance & and basement se R) = 0.28. Funde 000 4,079 0 Southwest Maintenance & nitary sewer and 000 7,336
Project Description Rehabilitate pipe segments that are in backup to 189 properties. Located in S bond proceeds repaid by sanitary sewed Total Requirements Operating and Maintenance Costs Burlingame Basin Infiltration and Infiltration Reduce the stormwater flow into the satormwater rates. Total Requirements Operating and Maintenance Costs Total Requirements Operating and Maintenance Costs TGD: Richmond Neighborhood Sewer	poor condition, up: E, the area is general and stormwater 0 offlow (E10474) Confidence Le anitary sewers and 4,348,321	vel: Low size pipe segment rally bound by Strates. 0 vel: Low eliminate sanita 2,934,000 on (E10489)	Stark, 29th, Hawth 0 0 vry sewer overflows 3,436,000	Original et, roof and park orne, and 14th. T O Total Pro Original in the Burlingan 200,000 Total Pro	Project Cost: ing stormwater he project has a 294,00 pject Cost: Project Cost: ne basin. Funde 50,00 pject Cost:	6,819,000 controls to relieve a positive cost to be 200 872,000 13,950,000 13,950,000 2,650,000 4,662,000	Objective: street flooding lenefit ratio (CB) 00 2,913 0 Area: Objective: ds repaid by sa 00 1,000 0 Area:	Maintenance & and basement se R) = 0.28. Funder 000
Project Description Rehabilitate pipe segments that are in backup to 189 properties. Located in S bond proceeds repaid by sanitary sewe— Total Requirements Operating and Maintenance Costs Burlingame Basin Infiltration and Infiltration Reduce the stormwater flow into the satormwater rates. Total Requirements Operating and Maintenance Costs	poor condition, upset, the area is general and stormwater of the confidence Leanitary sewers and 4,348,321 ver Rehabilitation Confidence Leanitary Sewers and Sewers	vel: Low size pipe segment prairies pipe seg	ry sewer overflows 3,436,000 0 n, upsize pipe segund by Hawthorne	Original et, roof and park orne, and 14th. T O Total Pro Original in the Burlingan 200,000 Total Pro Original	Project Cost: ing stormwater he project has a 294,00 pject Cost: Project Cost: ne basin. Funde 50,00 pject Cost: Project Cost:	6,819,000 controls to relieve a positive cost to be 200 872,000 13,950,000 13,950,000 2,650,000 4,662,000 4,514,000 tter controls to relieve a positive cost to be 200 2,650,000 4,662,000	Objective: street flooding lenefit ratio (CB) 2,913 0 Area: Objective: ds repaid by sa 00 1,000 Area: Objective:	Maintenance & and basement se R) = 0.28. Funde 000
Project Description Rehabilitate pipe segments that are in backup to 189 properties. Located in S bond proceeds repaid by sanitary sewer Total Requirements Operating and Maintenance Costs Burlingame Basin Infiltration and Infiltration and Infiltration Reduce the stormwater flow into the satornwater rates. Total Requirements Operating and Maintenance Costs TGD: Richmond Neighborhood Sewer Project Description This project rehabilitates approximately sewer backup for 143 properties. Located in Sewer Projects Informatically sewer backup for 143 properties.	poor condition, upset, the area is general and stormwater of the confidence Leanitary sewers and 4,348,321 ver Rehabilitation Confidence Leanitary Sewers and Sewers	vel: Low size pipe segment prairies pipe seg	ry sewer overflows 3,436,000 0 n, upsize pipe segund by Hawthorne	Original et, roof and park orne, and 14th. T O Total Pro Original in the Burlingan 200,000 Total Pro Original	Project Cost: ing stormwater he project has a 294,00 pject Cost: Project Cost: Diject Cost: Project Cost: Project Cost: Project Cost: Project Cost: I street stormwa and 36th. The p	6,819,000 controls to relieve a positive cost to be a positive cost to relieve a positive controls to relieve a positive cost to be a	Objective: street flooding lenefit ratio (CB 00 2,913 0 Area: Objective: ds repaid by sa 00 1,000 0 Area: Objective:	Maintenance & and basement se R) = 0.28. Funde 000

		Oupitui iiii	provement	i iaii Gaiiiii	iarios			
Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget	FY 2019-2 Estimated Budget	
Maintenance and Reliability								
Combined Sewer Overflow Pressure	e Relief (E1049	0)		Total Pr	oject Cost:	1,020,000	Area:	West
	Confidence Le	vel: Low		Original	l Project Cost:	1,020,000	Objective:	Efficiency
Project Description The completed Willamette combined so public safety risks and damage to sewe bond proceeds repaid by sanitary sewe	er and surrounding	structures. This						
Total Requirements	25,594	165,000	300,000	500,000)	0	0	0 800,00
Operating and Maintenance Costs			0	()	0	0	0
Pipe Rehab Phase 3 (E10500)	Confidence Le	vel: Low			oject Cost: I Project Cost:	155,250,000 155,250,000		Citywide Maintenance & Rep
Project Description This project includes structural rehabilit project is an outgrowth of the Phase 2 p							ighest conseque	ence of failure. This
Total Requirements	0	0	3,121,000	17,418,000	28,455,0	18,410,0	00 18,000,	000 85,404,00
Operating and Maintenance Costs			0	()	0	0	0
Project Description This program will perform spot and who by bond proceeds repaid by sanitary se		ion of large diam	eter (> 36 inches)		I Project Cost:		-	Maintenance & Rep
Total Requirements	0	100,000	1,000,000	1,000,000	0 1,000,0	5,000,0	00 5,000	000 13,000,00
Operating and Maintenance Costs	· ·	.00,000	0)	0	0	0
Capital Maintenance - non-process	facilities (E105 Confidence Le	•			oject Cost: I Project Cost:	Ongoing 11,250,000		Citywide Maintenance & Rep
Project Description This program is for capital maintenance downtown office space. Funded by bor					Control Lab, adr	ministration buildin	ngs at the Treatm	nent Plants, and
Total Requirements	0	250,000	1,000,000	1,000,000	1,000,0	1,000,0	00 1,000,	000 5,000,00
Operating and Maintenance Costs			0	()	0	0	0
NEW - NWN: Northeast Fremont (E1	0692) Confidence Le	vel: Low			oject Cost:	6,221,000 6,221,000		Northeast Maintenance & Rep
Project Description				5 ·	-		-	
Replace 5,900 linear feet of existing 10 Thurman, and 21st. Project will reduce sewer and stormwater rates.								
Total Requirements	0	0	0	()	0 500,0	00 529,	000 1,029,00
Operating and Maintenance Costs			0	()	0	0	0

Capital Improvement Plan Summaries

		Capitai in	iprovement	Pian Summ	iaries			
Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget		FY 2019-20 Estimated Budget	
Maintenance and Reliability								
NEW - NWN: Central Tanner (E1069	93)			Total Pr	oject Cost:	10,216,000	Area:	Northwest
	Confidence L	evel: Low		Original	Project Cost:	10,216,000	Objective:	Maintenance & Repa
Project Description								
Replace 9,300 linear feet of existing 1 11th, Kearny, and 21st. Project will re sewer and stormwater rates.								
Total Requirements	0	(100,000	600,000	1,073,0	000 4,443,00	0 4,000,0	000 10,216,000
Operating and Maintenance Costs			0	C)	0	0	0
NEW - NWN: Northwest Thurman S	Street (E10696))		Total Pr	oject Cost:	2,542,000	Area:	Northwest
	Confidence L	evel: Low		Original	Project Cost:	2,542,000	Objective:	Maintenance & Repa
Project Description								
Upsize 3,100 linear feet of existing 10 of street flooding at 16 locations and bond proceeds repaid by sanitary sew	oasement sewer b	ackup risk to 35						
Total Requirements	0	(0	C	421,0	2,112,00	0 9,	000 2,542,000
Operating and Maintenance Costs			0	C)	0	0	
Sewage Treatment Systems								
Pump Station Improvements (E046	661)			Total Pr	oject Cost:	Ongoing	Area:	Citywide
	Confidence L	evel: Moderate		Original	Project Cost:	Ongoing	Objective:	Maintenance & Rep
Project Description								
This is a continuing program to refurb because of growth in the receiving serprojects. The City currently operates a to increase pump station reliability, reproceeds repaid by sanitary sewer an	wage basin, and/o and maintains 98 duce or avoid incr	or are over 20 yea pump stations. The eases in mainten	ars old with out-of-c nis program was de	date equipment. To eveloped to ensure	The approved Pre these facilities	Pump Station Improves are maintained in	vement Plan gui accordance wit	ides the selection of th a scheduled plan
Total Requirements	65,104,145	4,000,000	4,000,000	4,000,000	4,000,0	4,000,00	0 4,000,0	000 20,000,000
Operating and Maintenance Costs			5,000	5,000	5,0	5,00	0 5,0	000
Repair, Rehabilitation, and Modific	ation (F04891)			Total Pr	oject Cost:	Ongoing	Area:	Citywide
riopan, rionasimanon, ana mounio	` '	evel: Moderate			Project Cost:	0 0		Maintenance & Rep
Project Description								
The Repair, Rehabilitation, and Modiff facilities. It provides for best manager and modifications. This program facili sewer and stormwater rates.	ment practices to p	prevent violations	of the NPDES per	rmit. Both treatm	ent plants are a	aging facilities and r	equire regular re	epair, rehabilitation,
Total Requirements	56,491,543	2,000,000	2,000,000	2,000,000	2,500,0	2,500,00	0 2,500,0	000 11,500,000

0

0

0

0

0

Operating and Maintenance Costs

Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget	FY 2019-20 Estimated Budget	
ewage Treatment Systems								
CBWTP Lagoon Reconstruction (E0	6072) Confidence Le	wal. High			ject Cost: Project Cost:	29,800,000	Area: Objective:	
	Communice Le	vei. Tilgii		Originar	riojeci cosi.	19,559,000	Objective.	Manualeu
Project Description Construct additional dikes in the existing CIP. Funded by bond proceeds repaid				oonds will be lined	d with a monofil	I. Two separate ph	ases are prog	ammed in the 5-ye
Total Requirements	16,430,307	2,598,000	3,300,000	3,600,000	3,006,00	00 333,000	336,	000 10,575,0
Operating and Maintenance Costs			0	0	5,00	5,000	5,	000
CBWTP Seismic Improvements (E06	6077)			Total Pro	ject Cost:	3,670,000	Area:	Citywide
	Confidence Le	vel: Low		Original	Project Cost:	3,670,000	Objective:	Replacement
Project Description								
Construct seismic improvements to the	treatment plant in	nfrastructure. Fur	nded by bond prod	eeds repaid by s	anitary sewer a	nd stormwater rates	i.	
Total Requirements	0	0	0	0	213,00	533,000	1,694,	000 2,440,0
Operating and Maintenance Costs			0	0		0 0		0
CBWTP Outfall Diffuser (E06923)	Confidence Le	vel: Low			ject Cost: Project Cost:	2,169,000 2,169,000	Area: Objective:	North Replacement
But a But a M								
Project Description Extend the existing wet weather outfall	diffuser. Funded	by bond proceeds	s repaid by sanita	y sewer and stor	mwater rates.			
•	diffuser. Funded	by bond proceed:	s repaid by sanitar	y sewer and stor 485,000	mwater rates. 1,484,00	00 0		0 2,069,0
Extend the existing wet weather outfall						00 0		0 2,069,0
Extend the existing wet weather outfall Total Requirements	0		100,000	485,000				,,,,,,
Extend the existing wet weather outfall of Total Requirements Operating and Maintenance Costs	0	100,000	100,000	485,000 0 Total Pro	1,484,00	767,000		0 Northeast
Extend the existing wet weather outfall of Total Requirements Operating and Maintenance Costs	0 1 29) Confidence Le	100,000	100,000	485,000 0 Total Pro Original	1,484,00 ject Cost: Project Cost:	0 0 767,000 767,000	Area: Objective:	0 Northeast Efficiency
Total Requirements Operating and Maintenance Costs NEW - CBWTP Access/Egress (E069 Project Description Improve access to the treatment plant.	0 1 29) Confidence Le	100,000	100,000	485,000 0 Total Pro Original	1,484,00 ject Cost: Project Cost:	0 0 767,000 767,000	Area: Objective: repaid by sani	0 Northeast Efficiency tary sewer and
Total Requirements Operating and Maintenance Costs NEW - CBWTP Access/Egress (E069 Project Description Improve access to the treatment plant. stormwater rates.	0 Confidence Le Configuration to	100,000	100,000 0 the update to the	485,000 0 Total Pro Original	1,484,00 ject Cost: Project Cost:	0 0 767,000 767,000 I by bond proceeds	Area: Objective: repaid by sani	0 Northeast Efficiency tary sewer and
Total Requirements Operating and Maintenance Costs NEW - CBWTP Access/Egress (E069 Project Description Improve access to the treatment plant. stormwater rates. Total Requirements	0 Confidence Le	100,000	100,000 0 the update to the	485,000 0 Total Pro Original	1,484,00 ject Cost: Project Cost:	0 0 767,000 767,000 I by bond proceeds 0 0	Area: Objective: repaid by sani	Northeast Efficiency tary sewer and 000 767,0
Total Requirements Operating and Maintenance Costs NEW - CBWTP Access/Egress (E069 Project Description Improve access to the treatment plant. stormwater rates. Total Requirements Operating and Maintenance Costs	0 Confidence Le	100,000 vel: Low be determined in	100,000 0 the update to the	485,000 0 Total Pro Original CBWTP Facilities 0 0 Total Pro	ject Cost: Project Cost:	0 0 767,000 767,000 I by bond proceeds 0 0 0 2,803,000	Area: Objective: repaid by sani	0 Northeast Efficiency tary sewer and 000 767,0 0
Total Requirements Operating and Maintenance Costs NEW - CBWTP Access/Egress (E069 Project Description Improve access to the treatment plant. stormwater rates. Total Requirements Operating and Maintenance Costs	0 Confidence Le Configuration to 0	100,000 vel: Low be determined in	100,000 0 the update to the	485,000 0 Total Pro Original CBWTP Facilities 0 0 Total Pro	ject Cost: Project Cost: s Plan. Fundec	0 0 767,000 767,000 I by bond proceeds 0 0 0 2,803,000	Area: Objective: repaid by sani 767, Area:	0 Northeast Efficiency tary sewer and 000 767,0 0
Total Requirements Operating and Maintenance Costs NEW - CBWTP Access/Egress (E069 Project Description Improve access to the treatment plant. stormwater rates. Total Requirements Operating and Maintenance Costs NEW - CBWTP Biosolid Dryer (E078)	Confidence Le Confidence Le Confidence Le	100,000 vel: Low be determined in 0 vel: Low	100,000 0 the update to the 0 0	485,000 0 Total Pro Original 0 Total Pro Original	ject Cost: Project Cost: s Plan. Funded ject Cost: Project Cost:	0 0 767,000 767,000 I by bond proceeds 0 0 0 2,803,000 2,803,000	Area: Objective: repaid by sani 767, Area: Objective:	Northeast Efficiency tary sewer and 000 767,0 0 North Efficiency of the biosolids cou
Total Requirements Operating and Maintenance Costs NEW - CBWTP Access/Egress (E069 Project Description Improve access to the treatment plant. stormwater rates. Total Requirements Operating and Maintenance Costs NEW - CBWTP Biosolid Dryer (E0783) Project Description Add a biosolids drying facility at CBWTI be dried to produce a "Class A" product	Confidence Le Confidence Le Confidence Le	100,000 vel: Low be determined in 0 vel: Low	100,000 0 the update to the 0 0	485,000 0 Total Pro Original 0 Total Pro Original	ject Cost: Project Cost: s Plan. Funded ject Cost: Project Cost:	0 0 767,000 767,000 I by bond proceeds 0 0 0 2,803,000 2,803,000	Area: Objective: repaid by sani 767, Area: Objective: regon. Some ed by bond pro-	Northeast Efficiency tary sewer and 000 767,0 0 North Efficiency of the biosolids conceeds repaid by

		Capitai imi	provement i	lan Summ	iaries					
Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	Est	2018-19 imated udget	FY 2019-2 Estimate Budget	d	5-Year Total
ewage Treatment Systems										
CBWTP Secondary Treatment Expa	nsion (E07947 Confidence Le				oject Cost: Project Cost:		02,000 00	Area: Objective:	North Mandat	ed
Project Description Expand secondary treatment capacity two new secondary clarifiers per the re rates.										
Total Requirements	0	0	0	533,000	3,202,0	100	3,458,000	7,312	,000	14,505,00
Operating and Maintenance Costs			0	()	0	0		0	
CBWTP Thickened Waste Activated	l Sludge Piping	ı (E09022)		Total Pr	oject Cost:	1,00	00,000	Area:	North	
	Confidence Le	evel: Moderate		Original	Project Cost:	948,000		Objective:	Replac	ement
Project Description Construct a new Thickened Waste Act Funded by bond proceeds repaid by sa				ssing building to	the digester co	mplex to r	elieve an e	xisting hydra	ulic bottle	eneck.
Total Requirements	17,680	120,000	526,000	400,000)	0	0		0	926,00
Operating and Maintenance Costs			0	()	0	10,000	10	,000	
CBWTP Biogas Utilization (E10033))			Total Pr	oject Cost:	10,90	00,000	Area:	North	
	Confidence Le	evel: Low		Original	Project Cost:	5,584,00	0	Objective:	Efficien	су
Project Description Construct a facility to beneficially reuse year period. Funded by bond proceed.				uct of the treatm	ent process. 1	his projec	t is expecte	ed to pay for	itself ove	r a 10 to 20
Total Requirements	321,000	435,000	6,704,000	3,200,000)	0	0		0	9,904,00
Operating and Maintenance Costs			0	()	0	(50,000)	(50,	000)	
Tryon Creek Wastewater Treatment	Plant Improve	ments (E1023	4)	Total Pr	oject Cost:	1,09	90,743	Area:	Southw	rest
	Confidence Le	evel: Low		Original	Project Cost:	703,000		Objective:	Mainter	nance & Rep
Project Description A series of upgrades are planned for T controlled remotely from CBWTP. Fur						ement of t	the controls	s that allow th	ne plant t	o be
Total Requirements	514,121	268,000	0	(11,0	100	438,000		0	449,00
Operating and Maintenance Costs			0	C)	0	0		0	
CBWTP Dewatering Improvements	(E10365) Confidence Le	evel: Low			oject Cost: Project Cost:	•	31,000 00	Area: Objective:	Citywid Efficien	
Project Description The 2010 Columbia Boulevard Waster process bottlenecks. Funded by bond					ne existing dew	atering pro	ocess to inc	crease capac	ity and e	liminate
Total Requirements	0	0	0	C)	0	335,000	1,908	,000	2,243,00
Operating and Maintenance Costs			0	C)	0	0		0	

apital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget	FY 2019-20 Estimated Budget	5-Year Total
ewage Treatment Systems								
CBWTP Reuse System Replacemen	t (E10483)			Total Pro	ject Cost:	3,950,000	Area: N	orth
	Confidence Le	evel: Low		Original	Project Cost: 3	,950,000	Objective: R	eplacement
Project Description Replace the reuse water system, instal reuse system controls providing more of								
Total Requirements	0	0	0	0	405,000	411,000	2,369,00	0 3,185,00
Operating and Maintenance Costs			0	0	0	()	0
NEW - TCWTP Headworks, Dry Wea	ther Clarifier &	& Odor Contro	ol (E10582)	Total Pro	ject Cost:	38,524,000	Area: S	outhwest
	Confidence Le	evel: Low		Original	Project Cost: 3	8,524,000	Objective: R	eplacement
Project Description The TCWTP Facilities Plan Update has hydraulic capacity, community needs, a	and an opportunity	to improve the p	plant hydraulic pro	ile. Funded by b	ond proceeds rep	aid by sanitary se	wer and stormwa	ater rates.
Total Requirements	0	2,588,000	1,000,000	6,500,000	10,800,000	14,400,000	3,000,00	0 35,700,00
Operating and Maintenance Costs			0	0	0	()	0
NEW - CBWTP Digester Improveme	` ,				ject Cost:	470,000	Area: N	
Project Description Several small improvements to the digranitary sewer and stormwater rates.	Confidence Le	· ·	egrate the new dig	Original	Project Cost: 4	70,000	Objective: M	laintenance & Rep
Project Description Several small improvements to the digu	Confidence Le	· ·	egrate the new dig	Original	Project Cost: 4	70,000 BWTP. Funded	Objective: Moby bond proceed	laintenance & Rep
Project Description Several small improvements to the digrammater sates.	Confidence Le	marily to fully into		Original esters with the ol	Project Cost: 4	70,000 BWTP. Funded	Objective: Noby bond proceed	aintenance & Rep
Project Description Several small improvements to the digranitary sewer and stormwater rates. Total Requirements Operating and Maintenance Costs	Confidence Le ester complex, pri	marily to fully into	470,000	Original esters with the ol	Project Cost: 4	70,000 CBWTP. Funded	Objective: Noby bond proceed	s repaid by 470,00
Project Description Several small improvements to the digranitary sewer and stormwater rates. Total Requirements Operating and Maintenance Costs	Confidence Le ester complex, pri	marily to fully into	470,000	Original esters with the ol 0 0 Total Pro	Project Cost: 4	70,000 BWTP. Funded	Objective: Moby bond proceed Area: S	s repaid by 0 470,000 0 unthwest
Project Description Several small improvements to the digranitary sewer and stormwater rates. Total Requirements Operating and Maintenance Costs	ester complex, pri 0 mprovements Confidence Le	marily to fully into 0 (E10694) evel: Low	470,000 0 y to ensure that cu	Original esters with the ol 0 Total Pro Original	Project Cost: 4 der digesters at C 0 0 pject Cost: Project Cost: 6 mit requirements	70,000 BWTP. Funded (0) 6,160,000 ,160,000 and future Willan	Objective: Moby bond proceed Area: S Objective: Mobiette Basin wate	s repaid by 0 470,00 0 unthwest laintenance & Repair quality standards
Project Description Several small improvements to the digg sanitary sewer and stormwater rates. Total Requirements Operating and Maintenance Costs NEW - TCWTP Secondary Process I Project Description Improve TCWTP secondary process tree	ester complex, pri 0 mprovements Confidence Le	marily to fully into 0 (E10694) evel: Low	470,000 0 y to ensure that cu	Original esters with the ol 0 Total Pro Original	Project Cost: 4 der digesters at C 0 0 pject Cost: Project Cost: 6 mit requirements	6,160,000 and future Willary sanitary sewer a	Objective: Moby bond proceed Area: S Objective: Mobiette Basin water and stormwater received.	s repaid by 0 470,00 0 uthwest laintenance & Repart quality standards ates.
Project Description Several small improvements to the dignificant sanitary sewer and stormwater rates. Total Requirements Operating and Maintenance Costs NEW - TCWTP Secondary Process I Project Description Improve TCWTP secondary process training of this project is descripted in the secondary process to the secondary	ester complex, pri mprovements Confidence Le eatment performa	(E10694) evel: Low unce and reliabilit	470,000 0 y to ensure that cus under E10582. F	Original esters with the ol 0 Total Pro Original errent NPDES per	der digesters at C der digesters at C o o o pject Cost: Project Cost: 6 mit requirements roceeds repaid b 595,000	70,000 BWTP. Funded 6,160,000 160,000 and future Willam y sanitary sewer a	Objective: Moby bond proceed Area: S Objective: Mobiette Basin water and stormwater range of the stor	s repaid by 0 470,00 0 uthwest laintenance & Repair quality standards ates.
Project Description Several small improvements to the dignificant sanitary sewer and stormwater rates. Total Requirements Operating and Maintenance Costs NEW - TCWTP Secondary Process I Project Description Improve TCWTP secondary process training of this project is descripted to the secondary process to the secondary process training of this project is descripted to the secondary process training of this project is descripted to the secondary process training of this project is descripted to the secondary process training and Maintenance Costs	ester complex, pri mprovements Confidence Le eatment performa	(E10694) evel: Low unce and reliabilit	470,000 0 y to ensure that cus under E10582. F 200,000	Original esters with the ol 0 Total Pro Original errent NPDES per Funded by bond p	der digesters at C der digesters at C o o o pject Cost: Project Cost: 6 mit requirements roceeds repaid b 595,000	70,000 BWTP. Funded 6,160,000 160,000 and future Willam y sanitary sewer a	Objective: Moby bond proceed Area: S Objective: Mobiette Basin water and stormwater range of the stor	s repaid by 0 470,000 outhwest laintenance & Repair quality standards ates. 0 5,379,000
Project Description Several small improvements to the dignificant sanitary sewer and stormwater rates. Total Requirements Operating and Maintenance Costs NEW - TCWTP Secondary Process I Project Description Improve TCWTP secondary process training of this project is description to the secondary process to the secondary process to the secondary process to the secondary process training of this project is description. Operating and Maintenance Costs urface Water Management	confidence Lessester complex, pri mprovements Confidence Lessestement performate pendent upon other	(E10694) evel: Low unce and reliabilit	470,000 0 y to ensure that cus under E10582. F 200,000	Original esters with the ol 0 Total Pro Original rrent NPDES per funded by bond p 210,000	der digesters at C der digesters at C o o o pject Cost: Project Cost: 6 mit requirements roceeds repaid b 595,000	70,000 BWTP. Funded 6,160,000 160,000 and future Willam y sanitary sewer a	Objective: Moby bond proceed Area: S Objective: Mobiette Basin water and stormwater range of the stor	s repaid by 0 470,00 0 uthwest laintenance & Repair quality standards ates. 0 5,379,000
Project Description Several small improvements to the dignificant sanitary sewer and stormwater rates. Total Requirements Operating and Maintenance Costs NEW - TCWTP Secondary Process I Project Description Improve TCWTP secondary process training of this project is description to the secondary process to the secondary process to the secondary process to the secondary process training of this project is description. Operating and Maintenance Costs urface Water Management	confidence Lessester complex, pri mprovements Confidence Lessestement performate pendent upon other	(E10694) evel: Low unce and reliabilitier improvements	470,000 0 y to ensure that cus under E10582. F 200,000	Original esters with the ol 0 Total Pro Original rrrent NPDES per funded by bond p 210,000 0	Project Cost: 4 der digesters at C opject Cost: Project Cost: 6 mit requirements roceeds repaid b 595,000	70,000 BWTP. Funded 6,160,000 160,000 and future Willam y sanitary sewer at 1,156,000 7,046,000	Objective: Moby bond proceed Area: S Objective: Mobiective: Mobie	laintenance & Reposer repaid by 0 470,000 outhwest laintenance & Reposer repaid by reposer for a second country of the second coun
Project Description Several small improvements to the dignificant sanitary sewer and stormwater rates. Total Requirements Operating and Maintenance Costs NEW - TCWTP Secondary Process I Project Description Improve TCWTP secondary process training of this project is defined to the secondary process to the secondary process training of this project is defined to the secondary process training of this project is defined to the secondary process training of this project is defined to the secondary process training of this project is defined to the secondary process training of this project is defined to the secondary process training	confidence Lesester complex, pri mprovements Confidence Lesestment performate pendent upon other confidence Lesestment upon other confidence u	marily to fully into (E10694) evel: Low unce and reliabilit her improvements 0	470,000 0 y to ensure that cus under E10582. F 200,000 0	Original esters with the ol 0 Total Pro Original 210,000 0 Total Pro Original	Project Cost: 4 der digesters at C 0 0 pject Cost: Project Cost: 6 mit requirements roceeds repaid b 595,000 0 pject Cost: Project Cost: 6	70,000 BWTP. Funded 6,160,000 and future Willam y sanitary sewer at 1,156,000 7,046,000 313,108	Objective: Moby bond proceed Area: S Objective: Moby bond proceed Area: S Objective: Moby bond proceed Area: S Objective: E	s repaid by 0 470,00 0 uthwest laintenance & Repair quality standards ates. 0 5,379,00 outheast xpansion
Project Description Several small improvements to the dignificant sanitary sewer and stormwater rates. Total Requirements Operating and Maintenance Costs NEW - TCWTP Secondary Process I Project Description Improve TCWTP secondary process training of this project is descripted to the timing of this project is description and Maintenance Costs Urface Water Management JC: West Lents Flood Mitigation (ECC) Project Description Located in SE Portland, the project was	confidence Lesester complex, pri mprovements Confidence Lesestment performate pendent upon other confidence Lesestment upon other confidence u	marily to fully into (E10694) evel: Low unce and reliabilit her improvements 0	470,000 0 y to ensure that cus under E10582. F 200,000 0	Original esters with the ol 0 Total Pro Original 210,000 0 Total Pro Original	Project Cost: 4 der digesters at C 0 0 pject Cost: Project Cost: 6 mit requirements roceeds repaid b 595,000 0 pject Cost: Project Cost: 6	70,000 BWTP. Funded 6,160,000 160,000 and future Willary sanitary sewer a 1,156,000 7,046,000 313,108 s. Land acquisition	Area: S Objective: M Area: S Objective: M Area: S Objective: M Area: S Objective: E Objective: E	s repaid by 0 470,000 0 unthwest laintenance & Repart quality standards ates. 0 5,379,000 outheast expansion unded by bond

		Capital Imp	provement I	Plan Summ	aries					
Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018 Estimat Budge	ed	FY 2019-2 Estimate Budget	d	5-Year Total
Surface Water Management										
JC: Community Restoration Partne	rship (E07158) Confidence Lev	vel: Moderate			oject Cost: Project Cost:	2,000,000	00	Area: Objective:	Southea Expansi	
Project Description Provide floodplain restoration on multip acquisitions. Approximately 9.5 acres and stormwater rates.										
Total Requirements	199,476	150,000	100,000	200,000	800,0	100 2	20,000	20	,000	1,140,000
Operating and Maintenance Costs			0	0		0	0		0	
JC: Springwater Wetland (E07383)				Total Pro	ject Cost:	2,892,00	00	Area:	Southea	ıst
	Confidence Lev	vel: Moderate		Original	Project Cost:	535,000		Objective:	Expansi	on
Project Description Mitigate damage from flooding greater trails/facilities will be incorporated and stormwater rates.										
Total Requirements	393,384	50,000	100,000	250,000	1,000,0	100 3	30,000	30	,000	1,410,00
Operating and Maintenance Costs	200,001	30,000	0	0	,,,,,,,	0	0	00	0	1,110,000
JC: Brunkow (E08247) Project Description	Confidence Lev	vel: Low			oject Cost: Project Cost:	1,600,00 768,000	00	Area: Objective:	Southea	
Floodplain, wetland, and riparian resto	ration per the 2001	Johnson Creek	Restoration Plan.	Funded by bond	l proceeds rep	aid by sanitary	sewer	and stormwa	ater rates.	
Total Requirements	132	100,000	200,000	470,000		0	0		0	670,000
Operating and Maintenance Costs			0	0		0	2,000	2	,000	
JC: Freeway Land Floodplain Resto	•				oject Cost:	8,630,00	00		Southea	
	Confidence Lev	vei: Low		Originai	Project Cost:	9,587,000		Objective:	Efficiend	СУ
Project Description Approximately 100 acres are required Johnson Creek. This project addresse repaid by sanitary sewer and stormwal	es the portion of the									
Total Requirements	86,101	0	50,000	100,000	200,0	1,00	00,000	1,500	,000	2,850,000
Operating and Maintenance Costs			0	0		0	0		0	
JC: Oxbow (E08406)				Total Pro	ject Cost:	1,235,00	00	Area:	Southea	ıst
	Confidence Lev	vel: Low		Original	Project Cost:	1,396,000		Objective:	Replace	ement
Project Description			0 1 0 1	Final III :		dale				
Improvements to increase flood storag	e and improve hab	itat at the Johns	on Greek Oxbow.	runded by bond	proceeds repa	aid by sanitary	sewer	and stormwa	iter rates.	
Total Requirements	18,438	142,000	185,000	972,000	50,0		0		0	1,207,00
Operating and Maintenance Costs			0	0		0	0	3	,000	

apital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget	FY 2019-2 Estimated Budget	d 5-Y	/ear otal
urface Water Management									
Oaks Bottom Culvert Replacement ((E08576)			Total Pro	ject Cost:	4,348,275	Area:	Southeast	
	Confidence Le	vel: Moderate		Original	Project Cost:	6,695,000	Objective:	Replaceme	nt
Project Description Replace a 60" culvert and restore off-cl excavation; cedar boles; and re-introdu repaid by sanitary sewer and stormwater	ction of native ve								ceeds
Total Requirements	1,294,631	0	90,000	142,000	210,00	00	0	0	442,000
Operating and Maintenance Costs			0	0		0	0	0	
NEW - SE Platt Ave Water Quality Fa	acility (E08624	1		Total Pro	ect Cost:	240,510	Area:	Southeast	
,	Confidence Le				Project Cost:	*		Maintenanc	e & Rep
Project Description Improve the performance of the existing	g water quality fac	ility located on S	SE Platt Ave. Funde	ed by bond proce	eds repaid by s	anitary sewer and	l stormwater rate	es.	
Total Requirements	58,325	0	150,000	0		0	0	0	150,000
Operating and Maintenance Costs			0	2,000	2,00	00 2,0	00 2,	,000	
FT: Fanno BvrtnHills Hwy (E08675)				Total Pro	ject Cost:	3,747,257	Area:	Southwest	
Project Description	Confidence Le			Original	Project Cost:	1,040,000	Objective:	Replaceme	
Project Description Construct stormwater treatment facilitie 65th Ave. Pollutants targeted for remorand benefit native cutthroat trout found	es to control flow a	nd pollutants flo	and phosphorous.	Original reek from the 2.6 This project will s	Project Cost: mile section of significantly add	1,040,000 Beaverton-Hillsdress the City's re-	Objective: ale Hwy between	Replaceme	and
Construct stormwater treatment facilitie 65th Ave. Pollutants targeted for remove	es to control flow a	nd pollutants flo	and phosphorous. I proceeds repaid b	Original reek from the 2.6 This project will s	Project Cost: mile section of significantly add	1,040,000 Beaverton-Hillsd ress the City's regrates.	Objective: ale Hwy betweer gulatory obligation	Replacement SW Sunset on under the	and TMDL
Construct stormwater treatment facilitie 65th Ave. Pollutants targeted for remoand benefit native cutthroat trout found	es to control flow a val will be total su in Fanno Creek.	nd pollutants flo spended solids Funded by bond	and phosphorous. I proceeds repaid b	Original reek from the 2.6 This project will s by sanitary sewer	Project Cost: mile section of significantly add and stormwate	1,040,000 Beaverton-Hillsd ress the City's regrates.	Objective: ale Hwy between gulatory obligation 1,000,	Replacement SW Sunset on under the	and TMDL
Construct stormwater treatment facilitie 65th Ave. Pollutants targeted for remo and benefit native cutthroat trout found Total Requirements Operating and Maintenance Costs	es to control flow a val will be total su in Fanno Creek.	nd pollutants flo spended solids Funded by bond	and phosphorous. d proceeds repaid t	Original reek from the 2.6 This project will s by sanitary sewer 500,000	Project Cost: mile section of significantly add and stormwate	1,040,000 Beaverton-Hillsd ress the City's retrates.	Objective: ale Hwy betweer gulatory obligation 1,000, 3,	Replacement SW Sunseton under the	and TMDL
Construct stormwater treatment facilitie 65th Ave. Pollutants targeted for remo and benefit native cutthroat trout found Total Requirements Operating and Maintenance Costs	es to control flow a val will be total su in Fanno Creek.	and pollutants flo spended solids Funded by bond 161,000	and phosphorous. d proceeds repaid t	Original reek from the 2.6 This project will soy sanitary sewer 500,000 0	Project Cost: mile section of significantly add and stormwate	1,040,000 Beaverton-Hillsd ress the City's rerates. 00 1,000,0 0 3,0 1,701,534	Objective: ale Hwy between gulatory obligation of 1,000, 00 3, 4 Area:	n SW Sunset on under the	and TMDL 4,479,00
Construct stormwater treatment facilitie 65th Ave. Pollutants targeted for remo and benefit native cutthroat trout found Total Requirements Operating and Maintenance Costs FT: SW 45th Ave Culvert (E08676) Project Description Construct a replacement for the 45th A	es to control flow a val will be total su in Fanno Creek. 268,257 Confidence Le	nd pollutants flo spended solids Funded by bond 161,000 vel: Moderate	and phosphorous. d proceeds repaid b 479,000	Original reek from the 2.6 This project will s by sanitary sewer 500,000 0 Total Pro Original	mile section of significantly add and stormwater 500,00 spect Cost:	1,040,000 Beaverton-Hillsd ress the City's recrates. 00 1,000,0 0 3,0 1,701,534 610,000	Objective: ale Hwy between gulatory obligation of 1,000,000 and Area: Objective:	n SW Sunset on under the 0000 3 0000 Southwest Replaceme	and TMDL 4,479,000
Construct stormwater treatment facilitie 65th Ave. Pollutants targeted for remo and benefit native cutthroat trout found Total Requirements Operating and Maintenance Costs FT: SW 45th Ave Culvert (E08676) Project Description	es to control flow a val will be total su in Fanno Creek. 268,257 Confidence Le	nd pollutants flo spended solids Funded by bond 161,000 vel: Moderate	and phosphorous. d proceeds repaid to 479,000 0	Original reek from the 2.6 This project will s by sanitary sewer 500,000 0 Total Pro Original	mile section of significantly add and stormwater 500,00 spect Cost:	1,040,000 Beaverton-Hillsd ress the City's recrates. 00 1,000,0 0 3,0 1,701,534 610,000	Objective: ale Hwy between gulatory obligation of 1,000,000 and Area: Objective:	n SW Sunset on under the 1,000 3 1,000 Southwest Replaceme	and TMDL 4,479,000
Construct stormwater treatment facilitie 65th Ave. Pollutants targeted for remo- and benefit native cutthroat trout found Total Requirements Operating and Maintenance Costs FT: SW 45th Ave Culvert (E08676) Project Description Construct a replacement for the 45th A stormwater rates.	es to control flow a val will be total su in Fanno Creek. 268,257 Confidence Le	and pollutants flo spended solids Funded by bond 161,000 vel: Moderate	and phosphorous. d proceeds repaid to 479,000 0	Original reek from the 2.6 This project will so by sanitary sewer 500,000 0 Total Pro Original	mile section of significantly add and stormwater 500,00 spect Cost:	1,040,000 Beaverton-Hillsd ress the City's regrates. 00 1,000,0 0 3,0 1,701,534 610,000 y bond proceeds	Objective: ale Hwy between gulatory obligation of the control of	n SW Sunset on under the 1,000 3 1,000 Southwest Replaceme	and TMDL 4,479,000
Construct stormwater treatment facilitie 65th Ave. Pollutants targeted for remorand benefit native cutthroat trout found Total Requirements Operating and Maintenance Costs FT: SW 45th Ave Culvert (E08676) Project Description Construct a replacement for the 45th A stormwater rates. Total Requirements	es to control flow a val will be total su in Fanno Creek. 268,257 Confidence Le ve culvert on Fan 60,503	vel: Moderate no Creek to incr	and phosphorous. d proceeds repaid by 479,000 0 ease capacity and	Original reek from the 2.6 This project will soy sanitary sewer 500,000 Total Pro Original provide fish pass 1,120,000	mile section of significantly add and stormwater 500,00 spect Cost:	1,040,000 Beaverton-Hillsd ress the City's retrates. 00 1,000,0 0 3,0 1,701,534 610,000 y bond proceeds	Objective: ale Hwy between gulatory obligation of the control of	Replacement SW Sunset on under the sun under	and TMDL 4,479,000
Construct stormwater treatment facilitie 65th Ave. Pollutants targeted for remorand benefit native cutthroat trout found Total Requirements Operating and Maintenance Costs FT: SW 45th Ave Culvert (E08676) Project Description Construct a replacement for the 45th A stormwater rates. Total Requirements Operating and Maintenance Costs	es to control flow a val will be total su in Fanno Creek. 268,257 Confidence Le ve culvert on Fan 60,503	vel: Moderate no Creek to incr 329,000	and phosphorous. d proceeds repaid by 479,000 0 ease capacity and	Original reek from the 2.6 This project will so by sanitary sewer 500,000 Total Pro Original provide fish pass 1,120,000 0	mile section of significantly add and stormwater 500,00 pject Cost: Project Cost: age. Funded by	1,040,000 Beaverton-Hillsd ress the City's repracted rates. 00 1,000,000 1,701,534 610,000 y bond proceeds 0 0 1,627,000	Objective: ale Hwy between gulatory obligation of the control of	Replacement SW Sunset on under the sun under	and TMDL 4,479,000
Construct stormwater treatment facilitie 65th Ave. Pollutants targeted for remorand benefit native cutthroat trout found Total Requirements Operating and Maintenance Costs FT: SW 45th Ave Culvert (E08676) Project Description Construct a replacement for the 45th A stormwater rates. Total Requirements Operating and Maintenance Costs	ces to control flow a val will be total su in Fanno Creek. 268,257 Confidence Leve culvert on Fan 60,503 aylight (E0868 Confidence Leve de provide stormw.	vel: Moderate no Creek to incr 329,000 vel: Low	ease capacity and 148,000 0 100,000 square f	Original reek from the 2.6 This project will soy sanitary sewer 500,000 0 Total Pro Original provide fish pass 1,120,000 0 Total Pro Original eet of impervious	mile section of significantly add and stormwate 500,00 pject Cost: Project Cost: age. Funded by siject Cost: Project Cost: Project Cost:	1,040,000 Beaverton-Hillsd ress the City's refer rates. 00	Objective: ale Hwy between gulatory obligation of the control of	Replaceme n SW Sunset on under the .000 3 .000 Southwest Replaceme ry sewer and 0 1 0 Southwest Replaceme	4,479,000 nt,268,000
Construct stormwater treatment facilitie 65th Ave. Pollutants targeted for remorand benefit native cutthroat trout found Total Requirements Operating and Maintenance Costs FT: SW 45th Ave Culvert (E08676) Project Description Construct a replacement for the 45th A stormwater rates. Total Requirements Operating and Maintenance Costs FT: Jackson Middle School Creek D Project Description Daylight a segment of Falling Creek an conditions. Project involves extensive	ces to control flow a val will be total su in Fanno Creek. 268,257 Confidence Leve culvert on Fan 60,503 aylight (E0868 Confidence Leve de provide stormw.	vel: Moderate no Creek to incr 329,000 vel: Low	ease capacity and 148,000 0 or 100,000 square fis and Portland Par	Original reek from the 2.6 This project will soy sanitary sewer 500,000 0 Total Pro Original provide fish pass 1,120,000 0 Total Pro Original eet of impervious	mile section of significantly add and stormwate 500,00 pject Cost: Project Cost: age. Funded by siject Cost: Project Cost: Project Cost:	1,040,000 Beaverton-Hillsd ress the City's rerates. 00 1,000,0 0 3,0 1,701,534 610,000 y bond proceeds 0 0 1,627,000 1,435,000 ect will help to re ond proceeds rep	Objective: ale Hwy between gulatory obligation of the control of	Replaceme n SW Sunset on under the 1,000 3 1,000 Southwest Replaceme of the service of the s	and TMDL 4,479,000 nt

		•							
Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-1 Estimate Budget	d Estimate	ed	5-Year Total
urface Water Management									
FT: Boones Ferry Culvert (E08682)				Total Pro	ject Cost:	3,410,000	Area:	Southw	est
	Confidence Le	evel: Moderate		Original	Project Cost:	1,669,000	Objective:	Replace	ement
Project Description Replace the Boones Ferry Culvert on T creek and protect streambanks and will passage, the pipe is also in need of repsewer and stormwater rates.	protect an expos	ed 18-inch sewer	line crossing the	creek approxima	tely 145 feet up	stream of the ci	ulvert. In addition	to limitin	g fish
Total Requirements	540,229	1,277,000	237,000	2,000,000		0	0	0	2,237,00
Operating and Maintenance Costs			0	0	3,0	00 3	,000	3,000	
FT: Fanno/Tryon WQF 2 (E08687)				Total Pro	ject Cost:	869,395	Area:	Southw	est
	Confidence Le	evel: Low		Original	Project Cost:	869,395	Objective:	Replace	ement
Project Description									
Construct four water quality facilities: 2 Fanno Creek facilities will be located al facilities will improve water quality and	ong Beaverton-H	illsdale Hwy. The	Tryon facilities wi	Il be located alon	g Barbur Blvd	near SW 35th a			
Total Requirements	0	0	0	36,000	278,0	00 278	,000 72	2,000	664,00
Operating and Maintenance Costs			0	0		0	0	0	
Watershed Investment (E08782)				Total Pro	ject Cost:	Ongoing	Area:	Citywide	е
	Confidence Le	vel: Moderate		Original	Project Cost:	Ongoing	Objective:	Efficien	су
Project Description This program funds watershed enhance funded by bond proceeds repaid by sar			s that leverage oth	er funding source	es and/or addre	ess multiple wat	ershed health goa	als. This p	project is
Total Requirements	4,049,528	2,000,000	1,500,000	1,500,000	1,500,0	00 1,500	,000 1,500	0,000	7,500,00
Operating and Maintenance Costs			2,000	2,000	2,0	00 2	,000 2	2,000	
Green Infrastructure: Land Acquisit	ion (E08905)			Total Pro	ject Cost:	23,850,000	Area:	Citywide	е
	Confidence Le	evel: Moderate		Original	Project Cost:	30,509,900	Objective:	Efficien	су
Project Description									
	and restoration of			eflecting City Cou	ncil's vision of	how Portland sh	ould reduce the	City's stor	mwater
This program is focused on protection a footprint. Funded by bond proceeds re	paid by sanitary s	sewer and stormy	ater rates.						
	epaid by sanitary s 18,596,474	2,000,000	2,000,000	500,000		0	0	0	2,500,00
footprint. Funded by bond proceeds re				500,000 0		0	0	0	2,500,00
footprint. Funded by bond proceeds re Total Requirements	18,596,474	2,000,000	2,000,000	0	ject Cost:		0		
footprint. Funded by bond proceeds re Total Requirements Operating and Maintenance Costs	18,596,474	2,000,000	2,000,000	0 Total Pro	ject Cost: Project Cost:	40,000,000	0	0 Souther	ast
footprint. Funded by bond proceeds re Total Requirements Operating and Maintenance Costs	18,596,474	2,000,000	2,000,000	0 Total Pro	•	40,000,000	0 Area:	0 Souther	ast
footprint. Funded by bond proceeds re Total Requirements Operating and Maintenance Costs JC: Johnson Creek Willing Seller Pl	18,596,474 nase 2 (E10040 Confidence Learneas of high value ws residents in hi	2,000,000 2,000,000 Evel: Moderate a for floodplain regh risk areas to s	2,000,000 0 storation. The pro	Total Pro Original perties are land t	Project Cost: panked until enates projects th	40,000,000 40,000,000 lough contiguou at increase floor	O Area: Objective: s property has bed storage and cor	Souther Efficience	ast cy ed to capacity
Total Requirements Operating and Maintenance Costs JC: Johnson Creek Willing Seller Pl Project Description Acquisition of properties in four target a proceed with restoration. Program allo	18,596,474 nase 2 (E10040 Confidence Learneas of high value ws residents in hi	2,000,000 2,000,000 Evel: Moderate a for floodplain regh risk areas to s	2,000,000 0 storation. The pro	Total Pro Original perties are land t	Project Cost: panked until enates projects th	40,000,000 40,000,000 lough contiguou at increase floor repaid by sanita	Objective: s property has bed storage and corary sewer and sto	Souther Efficience	ast cy ed to capacity

Capital Improvement Plan Summaries

		Oupitui iiii	provement.	i iaii Gaiiiii	iarics			
Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget	FY 2019-2 Estimated Budget	
urface Water Management								
Culvert Replacement Phase 2 (E103	72) Confidence Le	evel: Low			roject Cost: I Project Cost:	4,430,000 3,800,000		Citywide Replacement
Project Description Replace the two remaining culverts in 0 proceeds repaid by sanitary sewer and			i watershed health	goals and comr	mitments under tl	he Endangered S	pecies Act. Fur	nded by bond
Total Requirements	1,234,191	1,207,000	2,000,000	()	0	0	0 2,000,00
Operating and Maintenance Costs			0	(2,00	2,00)0 2	,000
FT: Fanno Tryon Drainage Shoulder	Improvement	, ,			oject Cost:	4,622,460 4,932,000		Southwest Replacement
Project Description Convert high priority City maintained ro manage stormwater runoff from imperv Funded by bond proceeds repaid by sa	rious roadway and	d adjacent develo	pment. These pric					
Total Requirements	0	220,000	200,000	500,000	500,00	00 1,012,00	00 1,000	,000 3,212,00
Operating and Maintenance Costs			0	()	0	0	0
NEW - Green Infrastructure Rehab (Project Description	E10485) Confidence Le	evel: Low			roject Cost: I Project Cost:	Ongoing Ongoing		Citywide Maintenance & Rep
Umbrella fund for rehabilitation or retro								
Total Requirements	0	0	0	(0	0 206,	
Operating and Maintenance Costs			0	()	0	0	0
Watershed Land Acquisition Prog P	h 2 (E10486)			Total Pr	oject Cost:	15,500,000	Area:	Citywide
	Confidence Le	evel: Low		Origina	l Project Cost:	15,500,000	Objective:	Efficiency
Project Description Program targets the acquisition of 100 management. Funded by bond procee				gh functioning na	atural resources i	n support of water	rshed health an	d stormwater
Total Requirements	0	0	0	1,500,000	2,000,00	00 2,000,00	00 2,000	,000 7,500,00
Operating and Maintenance Costs			0	(0	0	0	0
Stephens Creek Ph 1 Improvements	s (E10488) Confidence Le	evel: Low			oject Cost:	13,650,000 13,650,000	Area: Objective:	Southwest Efficiency
Project Description				5 ·	•	•	•	•
Project Description Address stormwater issues in the Step stormwater; (3) restoration of ecologica bond proceeds repaid by sanitary sewer	al functions of ripa	rian and wetland						
Total Requirements	107,293	1,162,000	383,000	254,000	927,00	00 471,00	00 2,005,	,000 4,040,00
0	- , , , -	, - ,	,	- ,		,	,,	,

Operating and Maintenance Costs

0

0

0

2,000

2,000

		Oupital IIII	provenient	ian Sanni	iai ics			
Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget	FY 2019-20 Estimated Budget	5-Year Total
Surface Water Management								
Columbia Slough Outfalls (E10563)				Total Pr	oject Cost:	24,708,000	Area: N	ortheast
	Confidence Le	evel: Low		Original	Project Cost: 2	24,708,000	Objective: M	andated
Project Description This program is for construction of poll the highest priority outfalls – those drain								ram focuses on
Total Requirements	428,893	150,000	581,000	1,854,000	1,981,000	0 1,300,000	4,000,00	0 9,716,000
Operating and Maintenance Costs			0	C)	0	0	0
Systems Development								
Drainage Improvement (E04894)				Total Pr	oject Cost:	Ongoing	Area: C	itywide
	Confidence Le	evel: Low		Original	Project Cost: (Ongoing	Objective: Ex	xpansion
Project Description The Drainage Improvement Project (D storm drainage facilities or upgrading cused for small, urgent stormwater impr	of existing public of	lownstream drain	age systems. Öve	rsizing increases	s capacity over the			
Total Requirements	6,195,929	250,000	250,000	250,000	250,000	0 250,00	250,00	0 1,250,000
Operating and Maintenance Costs			0	C)	0	0	0
PBOT Interagency Reimbursement	` '				oject Cost:	Ongoing	Area: C	•
	Confidence Le	evel: Low		Original	Project Cost: (Ungoing	Objective: Ex	xpansion
Project Description This program provides for stormwater to by PBOT. PBOT requests necessary s							reet improvemen	t projects initiated
Total Requirements	17,419,973	350,000	350,000	350,000	350,000	0 350,000	350,00	0 1,750,000
Operating and Maintenance Costs			0	C)	0	0	0
Permit Reimbursement (E05219)				Total Pr	oject Cost:	Ongoing	Area: C	itywide
	Confidence Le	evel: Low		Original	Project Cost: (Ongoing	Objective: Ex	xpansion
Project Description This project allows a developer to be reand stormwater rates.	eimbursed for mal	king public sewer	available to anoth	ner property, per	City Code Title 1	7. Funded by bon	d proceeds repaid	d by sanitary sewe
Total Requirements	2,412,255	45,000	45,000	45,000) 45,000	0 45,000	0 45,00	0 225,000
Operating and Maintenance Costs			0	C)	0	0	0
Party Sewers (E08748)				Total Pr	oject Cost:	Ongoing	Area: C	itywide
•	Confidence Le	evel: Low		Original	Project Cost: (Ongoing	Objective: E	fficiency
Project Description This program addresses existing "party These sewers are older and generally ensure that the property has acquired a the City through an LID assessment or	have not been ma an easement for a	aintained. Over se separated privat	everal years, this period includes the line. Most of the	project will provice construction co	de each property of sts up to a "cappo	owner with direct a ed" amount will be	access to a munic reimbursed by p	ipal sewer line or
Total Requirements	7,276,357	2,400,000	2,000,000	2,000,000		-		0 8,000,000
Operating and Maintenance Costs	,=: =,==,:	, ,	0	2,000,000	, ,	, ,	, ,	0

Capital Improvement Plan Summaries

Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget	FY 2019-2 Estimate Budget	ed 5-Year
Systems Development								
Milw Light Rail Ext (E09163)				Total Pr	oject Cost:	1,749,000	Area:	Southeast
	Confidence Lo	evel: Optimal		Original	Project Cost:	1,313,000	Objective:	Maintenance & R
Project Description This project provides staff support for s and stormwater rates.	ewer rehabilitatio	n/relocation asso	ciated with the ext	ension of light ra	ail to Milwaukie.	Funded by bond	proceeds repaid	d by sanitary sewer
Total Requirements	1,628,970	332,300	120,000	()	0	0	0 120,0
Operating and Maintenance Costs			0	()	0	0	0
Sewer Easements on Existing Sewe	ers (E10263)			Total Pr	oject Cost:	Ongoing	Area:	Citywide
	Confidence Lo	evel: Low		Original	Project Cost:	Ongoing	Objective:	Replacement
Project Description This project is for high priority sewer ea without benefit of appropriate easemen								on private property
Total Requirements	55,539	50,000	50,000	50,000	50,0	50,0	00 50	0,000 250,0
Operating and Maintenance Costs			0	()	0	0	0
Eliminate the failing private pump static connection with the 30-inch concrete se	ewer near Hwy 43	B. Funded by bon	d proceeds repaid	by sanitary sew	er and stormwa	iter rates.		
Total Requirements	635,776	2,300,000	250,000	2,500,000			0	0 2,850,0
Operating and Maintenance Costs			0	()	0	0	0
Sewer Extensions to Properties with	h High Risk Se	eptic Systems	(E10491)	Total Pr	oject Cost:	Ongoing	Area:	Citywide
	Confidence Lo	evel: Low		Original	Project Cost:	Ongoing	Objective:	Expansion
Project Description								
This program will fund several projects with septic systems. Projects will be pr							e to developed i	esidential propertie
Total Requirements	213,669	638,000	200,000	200,000	900,0	1,600,0	00 2,000	0,000 4,900,0
Operating and Maintenance Costs			0	()	0	0	0
Public Works Permit Projects (EP00	100)			Total Pr	oject Cost:	Ongoing	Area:	Southeast
•	Confidence Le	evel: Low		Original	Project Cost:	Ongoing	Objective:	Expansion
Project Description This ongoing, full-cost recovery project development creates the need for addit BES reviews and approves both plans sewerage system when completed and ensure that expensive future maintenary	tional sewer syste and final construct approved and th	em facilities, priva ction for complian ereafter maintena	te developers are ce with system sta ance and repair ar	required to cons andards. Facilitie e provided by the	struct those facil es developed thr e City. Facilities	ities under this pro rough this process must be develope	ogram. As part of are accepted a	of the permit proces as part of the City's
Total Requirements	31,327,326	500,000	500,000	500,000		•	00 500	0,000 2,500,0
	, ,	-,	-,	,	1			,,

0

0

0

0

0

Operating and Maintenance Costs

Capital Improvement Plan Summaries

Capital Program	Prior	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	
Project	Years	Revised	Adopted	Estimated	Estimated	Estimated	Estimated	5-Year
	Capital	Budget	Budget	Budget	Budget	Budget	Budget	Total

Transmission/Terminal Storage

Powell Butte Reservoir 2 (W01343)

Total Project Cost: 117,310,000 Area: East

Confidence Level: Optimal Original Project Cost: 129,885,000 Objective: Mandated

Project Description

This project for compliance with the federal LT2 rule was divided into 2 phases – Phase 1 is complete. The Phase 2 project is to construct a 50-million-gallon underground reservoir at Powell Butte. The project scope includes construction of a maintenance and storage facility, replacing the caretaker's house, construction of an interpretive center and restrooms, reservoir overflow, park improvements, and mitigation requirements as part of the conditions for approval in the 2003 Land Use Review Type III Conditional Use Master Plan. In FY 2015-16, this project will be in closeout. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue and other construction fund revenues such as system development charges and interest earnings.

Total Requirements	100,800,000	12,600,000	800,000	0	0	0	0	800,000
Operating and Maintenance Costs			0	0	0	0	0	

Bureau of Fire & Police Disability & Retirement

Capital Improvement Plan Summaries

Capital Program	Prior	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	
Project	Years	Revised	Adopted	Estimated	Estimated	Estimated	Estimated	5-Year
	Capital	Budget	Budget	Budget	Budget	Budget	Budget	Total

Maintenance and Reliability

Database Capital Improvements (S00011)

Total Project Cost: 583,382 Area: Citywide

Confidence Level: Complete Original Project Cost: 412,250 Objective: Replacement

Project Description

The rebuild of FPDR's FoxPro database in SQL server was complete in FY 2012-13. All expenses charged to this project in FY 2013-14 and beyond are for capital improvements to the new database. Capital expenses are estimated at \$35,000 to \$55,000 per year for the life of the forecast. The funding source for this project is the dedicated FPDR property tax levy.

 Total Requirements
 309,581
 88,300
 80,320
 0
 0
 0
 0
 0
 80,320

 Operating and Maintenance Costs
 36,427
 45,000
 49,000
 51,000
 51,000

Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget	FY 2019-20 Estimated Budget	5-Year Total
NEW - Office of Management and F	inance Repla Confidence		⁻ 16)		oject Cost: Project Cost: 1	1,189,214 ,189,215	Area: Objective: Repla	acement
Project Description Scheduled vehicle and equipment repl CityFleet, and Facilities Services. This				ement and Financ	e including Printi	ng and Distributior	n, Bureau of Techno	ology Services,
Total Requirements	()	0 350,092	105,816	246,155	300,297	186,854	1,189,21
Operating and Maintenance Costs			0	0	0	0	0	
NEW - Fire Bureau Replacement (F					oject Cost:	2,104,712	Area:	
	Confidence	Level: High		Original	Project Cost: 2	,104,712	Objective: Repla	acement
Project Description Scheduled vehicle and equipment repl	acement for the	Fire Bureau. Thi	s project is funded	oy interagency re	venues.			
Total Requirements	()	0 1,164,637	388,651	223,690	218,923	108,811	2,104,71
Operating and Maintenance Costs			0	0	0	0	0	
NEW - Golf Replacement (FVGF16)				Total Pro	eject Cost:	851,119	Area:	
NEW - Golf Replacement (FVGF16)	Confidence	Level: High			oject Cost: Project Cost: 8	,	Area: Objective: Repla	acement
NEW - Golf Replacement (FVGF16) Project Description Scheduled vehicle and equipment repl		· ·	roject is funded by	Original	Project Cost: 8	,		acement
Project Description	acement for the	Golf fund. This p		Original	Project Cost: 8	51,118		
Project Description Scheduled vehicle and equipment repl	acement for the	Golf fund. This p		Original nteragency reven	ues.	418,649	Objective: Repl	
Project Description Scheduled vehicle and equipment repl Total Requirements	acement for the	Golf fund. This p	0 151,151	Original Interagency reven 30,786	ues.	418,649	Objective: Repla	
Project Description Scheduled vehicle and equipment repl Total Requirements Operating and Maintenance Costs	acement for the	Golf fund. This p	0 151,151	Original Interagency reven 30,786 0 Total Pro	ues. 172,402	51,118 418,649 0 4,492,592	78,131 0	851,11
Project Description Scheduled vehicle and equipment repl Total Requirements Operating and Maintenance Costs	EVPK16) Confidence	Golf fund. This p	0 151,151	Original 30,786 0 Total Pro	ues. 172,402 0 pject Cost: Project Cost: 4	51,118 418,649 0 4,492,592	78,131 0	851,11
Project Description Scheduled vehicle and equipment repl Total Requirements Operating and Maintenance Costs NEW - Parks Bureau Replacement (Project Description	FVPK16) Confidence	Golf fund. This p Level: High Parks Bureau. Ti	0 151,151	Original 30,786 0 Total Pro	ues. 172,402 0 pject Cost: Project Cost: 4	418,649 0 4,492,592 ,492,593	78,131 0 Area: Objective: Repl.	851,11
Project Description Scheduled vehicle and equipment repl Total Requirements Operating and Maintenance Costs NEW - Parks Bureau Replacement (Project Description Scheduled vehicle and equipment repl	FVPK16) Confidence	Golf fund. This p Level: High Parks Bureau. Ti	0 151,151 0	Original 30,786 0 Total Pro Original	Project Cost: 8: 172,402 0 pject Cost: Project Cost: 4 evenues. 1,272,574	51,118 418,649 0 4,492,592 ,492,593	78,131 0 Area: Objective: Repla	851,11! acement
Project Description Scheduled vehicle and equipment repl Total Requirements Operating and Maintenance Costs NEW - Parks Bureau Replacement (Project Description Scheduled vehicle and equipment repl Total Requirements	FVPK16) Confidence	Golf fund. This p Level: High Parks Bureau. Ti	0 151,151 0 nis project is funded	Original 1 original Total Pro Original 1 by interagency re 1,588,971 0 Total Pro	Project Cost: 8: 172,402 0 pject Cost: Project Cost: 4 evenues. 1,272,574	418,649 0 4,492,592 ,492,593 478,208 0	78,131 0 Area: Objective: Repla	851,119 acement 4,492,593
Project Description Scheduled vehicle and equipment repl Total Requirements Operating and Maintenance Costs NEW - Parks Bureau Replacement (Project Description Scheduled vehicle and equipment repl Total Requirements Operating and Maintenance Costs	FVPK16) Confidence acement for the	Golf fund. This p Level: High Parks Bureau. The	0 151,151 0 nis project is funder 0 424,218	Original Total Pro Original 1 by interagency re 1,588,971 0 Total Pro Original	Project Cost: 8: 172,402 0 pject Cost: 4 evenues. 1,272,574 0 pject Cost: 1:	418,649 0 4,492,592 ,492,593 478,208 0 12,514,472 2,514,472	78,131 0 Area: Objective: Repl. 728,621 0 Area:	851,119 acement 4,492,592
Project Description Scheduled vehicle and equipment repl Total Requirements Operating and Maintenance Costs NEW - Parks Bureau Replacement (Project Description Scheduled vehicle and equipment repl Total Requirements Operating and Maintenance Costs NEW - Police Replacement (FVPL16)	FVPK16) Confidence acement for the Confidence confidence	Golf fund. This p Level: High Parks Bureau. The police of the police o	0 151,151 0 nis project is funder 0 424,218	Original Total Pro Original 1 by interagency re 1,588,971 0 Total Pro Original	Project Cost: 8: 172,402 0 pject Cost: 4 evenues. 1,272,574 0 pject Cost: 1: Project Cost: 1: eragency revenue	51,118 418,649 0 4,492,592 ,492,593 478,208 0 12,514,472 2,514,472	78,131 0 Area: Objective: Repl. 728,621 0 Area: Objective: Repl.	851,119 acement 4,492,592

		oupital iii	provement	ian canni	iu. 100			
Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget	FY 2019-2 Estimate Budget	d 5-Year
NEW - PBOT Replacement (FVTR16)	Confidence Le	vel: High			oject Cost: Project Cost:	18,721,565 18,721,565	Area: Objective:	Replacement
Project Description Scheduled vehicle and equipment repla	acement for the Tr	ansportation Bu	reau. This project	is funded by inte	ragency revenu	es.		
Total Requirements Operating and Maintenance Costs	0	0	1,870,649	3,742,960 0		0 6,029,3	17 1,966 0	,194 18,721 0
BTS								
IRNE Voice System Tech. Refresh (C	00025) Confidence Le	vel: Moderate			oject Cost: Project Cost:	2,766,000 2,766,000		Citywide Replacement
Project Description This project includes the Migration from establishment of fault-tolerant architectu								
Total Requirements	0	0	783,509	1,982,491		0	0	0 2,766
Operating and Maintenance Costs			0	C)	0	0	0
Project Description This project replaces StellarRad with a continuous contin	Confidence Le	nd forward-lookii		Original		will serve to organ	Objective:	Southeast Replacement line customer supp
and delivery processes, and will automa			. ,			•	_	
Total Requirements Operating and Maintenance Costs	0	0	294,000	C		0	0	0 294 0
AIX Hardware Tech. Refresh (C00045	5)				oject Cost:	2,908,450	Area:	Citywide
	Confidence Le	vel: Moderate		Original	Project Cost:	1,698,578	Objective:	Replacement
Project Description Replace and consolidate end-of-life AIX IBM's logical partitioning capability, cost processors and memory as needed in the	t savings can be r	ealizeď on maint	tenance dollars an	d support time, v				
Total Requirements	1,101,802	0	0	С)	0	0 1,188	,048 1,188
Operating and Maintenance Costs			0	C)	0	0	0
Wireless Network Expansion (C0004	l6) Confidence Le	vel: Moderate			oject Cost: Project Cost:	592,986 240,000		Citywide Expansion
Project Description Deploy WiFi network coverage in the Pointeragency revenues.	ortland Building, 1	900 Building, Ci	ty Hall, and other	facilities with a 6	-year replaceme	ent plan and fundir	ng model. This p	project is funded b
Total Requirements	312,839	0	30,000	50,000	100,0	100,00	00	0 280
Operating and Maintenance Costs			0	C)	0	0	0

Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget	FY 2019-2 Estimated Budget	
BTS								
SAN Storage Expansion (C00047)	Confidence Le	evel: Low			oject Cost: Project Cost:	6,264,960 4,751,326	Area: Objective:	Citywide Expansion
Project Description								
Provide increased capacity of centraliz	zed storage and er	nterprise backup t	o meet demand fr	om projects and	existing data gr	owth. This projec	t is funded by int	eragency revenues.
Total Requirements	3,727,151	612,809	565,000	340,000	340,0	00 340,0	000 340,	000 1,925,000
Operating and Maintenance Costs			20,700	61,200	61,2	00 61,2	200 61,	200
IRNE Const Fiber (C00049)				Total Pro	oject Cost:	785,655	Area:	Citywide
	Confidence Le	evel: High		Original	Project Cost:	742,906	Objective:	Expansion
Project Description								
Continue construction of fiber optic ext This project is funded by interagency a			Network Enterpris	e (IRNE) system	. Work includes	all elements of t	iber optic constru	uction, end-to-end.
Total Requirements	571,072	110,000	104,583	0		0	0	0 104,58
Operating and Maintenance Costs			0	0		0	0	0
IRNE Net. Tech. Refresh (C00050)				Total Pro	piect Cost:	2.732.775	Area:	Citywide
IRNE Net. Tech. Refresh (C00050)	Confidence Le	evel: Moderate			oject Cost: Project Cost:	2,732,775 653,316		Citywide Replacement
, ,	Confidence Le	evel: Moderate			•			•
IRNE Net. Tech. Refresh (C00050) Project Description This project includes capital and lifecy equipment replacement and establishi	cle improvements	to the existing Into		Original Network Enterpri	Project Cost:	653,316	Objective:	Replacement
Project Description This project includes capital and lifecy	cle improvements ing an intertie with	to the existing Int the Multnomah C	ounty telephone s	Original Network Enterpri ystem. This proje	Project Cost: ise (IRNE) infra ect is funded by	653,316 structure. Work in interagency reve	Objective: ncludes capacity enues.	Replacement upgrades, end-of-life
Project Description This project includes capital and lifecy equipment replacement and establishing	cle improvements	to the existing Into		Original Network Enterpri	Project Cost: ise (IRNE) infra ect is funded by 75,0	653,316 structure. Work interagency reversion of the structure of the structure.	Objective: Includes capacity enues.	Replacement
Project Description This project includes capital and lifecy equipment replacement and establishi Total Requirements Operating and Maintenance Costs	cle improvements ing an intertie with	to the existing Int the Multnomah C	ounty telephone s 400,000	Original Network Enterpri ystem. This proje 1,000,000 25,000	Project Cost: isse (IRNE) infra ect is funded by 75,0 25,0	653,316 structure. Work in interagency reversion 75,000 25,000	Objective: Includes capacity enues. OOO 75, OOO 25,	Replacement upgrades, end-of-life 000 1,625,000
Project Description This project includes capital and lifecy equipment replacement and establishi Total Requirements	cle improvements ing an intertie with 777,775	to the existing Int the Multnomah C	ounty telephone s 400,000	Original Network Enterpriystem. This projection 1,000,000 25,000	Project Cost: ise (IRNE) infra ect is funded by 75,0	653,316 structure. Work in interagency reversion 75,000 25,000 886,725	Objective: Includes capacity I	Replacement upgrades, end-of-life
Project Description This project includes capital and lifecy equipment replacement and establishi Total Requirements Operating and Maintenance Costs	cle improvements ing an intertie with 777,775 Confidence Leaster's Hill in Gresh	to the existing Interest the Multnomah C 330,000	400,000 25,000 ently in poor repair	Original Network Enterprivatem. This projection 1,000,000 25,000 Total Prooriginal	Project Cost: ise (IRNE) infra ect is funded by 75,0 25,0 pject Cost: Project Cost: tructed. BTS is	653,316 structure. Work in interagency reversion 75,000 25,000 886,725 718,500 currently working	Objective: Includes capacity enues. DOD 75, DOD 25, DOD 25, Area: Objective:	Replacement upgrades, end-of-life 000 1,625,000 000 Southeast Replacement and land use for the
Project Description This project includes capital and lifecy equipment replacement and establishin Total Requirements Operating and Maintenance Costs Walter's Hill Radio Site (C00054) Project Description This CIP develops the radio site at Walter's and Included Site at Walter's Action Total Requirements	cle improvements ing an intertie with 777,775 Confidence Leaster's Hill in Gresh	to the existing Interest the Multnomah C 330,000	400,000 25,000 ently in poor repair	Original Network Enterprivatem. This projection 1,000,000 25,000 Total Prooriginal	Project Cost: ise (IRNE) infra ect is funded by 75,0 25,0 piect Cost: Project Cost: tructed. BTS is carrier T1 circu	653,316 structure. Work in interagency reversion 75,000 25,000 886,725 718,500 currently working	Objective: Includes capacity enues. DOD 75, DOD 25, DOD 25, Area: Objective:	Replacement upgrades, end-of-life 000 1,625,000 000 Southeast Replacement and land use for the
Project Description This project includes capital and lifecy equipment replacement and establishin Total Requirements Operating and Maintenance Costs Walter's Hill Radio Site (C00054) Project Description This CIP develops the radio site at Wasite. This will also include some microscopics.	cle improvements ing an intertie with 777,775 Confidence Le alter's Hill in Gresh wave work to tie th	to the existing Interest the Multnomah C 330,000 evel: Moderate am which is currele site into the mice.	ently in poor repair	Original Network Enterprivatem. This projection 1,000,000 25,000 Total Pro Original and poorly consand eliminate the	Project Cost: ise (IRNE) infra ect is funded by 75,0 25,0 Dject Cost: Project Cost: tructed. BTS is carrier T1 circu	structure. Work in interagency revelopment of the structure of the structu	Objective: Includes capacity enues. OOO 75, OOO 25, Ooo 25, Oojective: I on the site plan is funded by interest	Replacement upgrades, end-of-life 000 1,625,000 000 Southeast Replacement and land use for the agency revenues.
Project Description This project includes capital and lifecy equipment replacement and establishing Total Requirements Operating and Maintenance Costs Walter's Hill Radio Site (C00054) Project Description This CIP develops the radio site at Wasite. This will also include some microw Total Requirements	cle improvements ing an intertie with 777,775 Confidence Leater's Hill in Greshwave work to tie th 128,408	to the existing Interest the Multnomah C 330,000 evel: Moderate am which is currele site into the mice.	ently in poor repair crowave network a	Original Network Enterprivatem. This project 1,000,000 25,000 Total Prooriginal and poorly constant eliminate the 10,000 Total Pro	Project Cost: ise (IRNE) infra ect is funded by 75,0 25,0 Dject Cost: Project Cost: tructed. BTS is carrier T1 circu	653,316 structure. Work in interagency reversion 75,000 75,000 25,000 886,725 718,500 currently working it. This project is 000 10,000 2,745,459	Objective: Includes capacity indes. Includes capacity index. Includes c	Replacement upgrades, end-of-life 000 1,625,000 000 Southeast Replacement and land use for the agency revenues. 0 480,000
Project Description This project includes capital and lifecy equipment replacement and establishing Total Requirements Operating and Maintenance Costs Walter's Hill Radio Site (C00054) Project Description This CIP develops the radio site at Wasite. This will also include some microval Total Requirements Operating and Maintenance Costs	Confidence Leaster's Hill in Greshwave work to tie the 128,408 Confidence Leaster's Confidence Leaster's Hill in Greshwave work to tie the 128,408	to the existing Interest the Multnomah C 330,000 evel: Moderate am which is currence site into the mid 475,491 evel: Moderate	ently in poor repair crowave network a 480,000	Original Network Enterprivatem. This project 1,000,000 25,000 Total Prooriginal and poorly constand eliminate the 0 10,000 Total Prooriginal	Project Cost: ise (IRNE) infra ect is funded by 75,0 25,0 Dject Cost: Project Cost: tructed. BTS is carrier T1 circu 10,0 Dject Cost: Project Cost:	653,316 structure. Work in interagency reversion 75,000 75,000 25,000 25,000 886,725 718,500 currently working it. This project is 000 10,000 2,745,459 2,913,500	Objective: Includes capacity enues. ODO 75, ODO 25, ODJective: If on the site plan is funded by interaction of the company of	Replacement upgrades, end-of-life 000 1,625,000 000 Southeast Replacement and land use for the agency revenues. 0 480,000 000 Citywide Replacement
Project Description This project includes capital and lifecy equipment replacement and establishing Total Requirements Operating and Maintenance Costs Walter's Hill Radio Site (C00054) Project Description This CIP develops the radio site at Wasite. This will also include some microstrotal Requirements Operating and Maintenance Costs Enterprise Net. Tech. Refresh (C0000) Project Description This CIP establishes a 6-year lifecycle	Confidence Leaster's Hill in Greshwave work to tie the 128,408 Confidence Leaster's Confidence Leaster's Hill in Greshwave work to tie the 128,408	to the existing Interest the Multnomah C 330,000 evel: Moderate am which is currence site into the mid 475,491 evel: Moderate	ently in poor repair crowave network a 480,000	Original Network Enterprivatem. This project 1,000,000 25,000 Total Prooriginal and poorly constand eliminate the 0 10,000 Total Prooriginal	Project Cost: ise (IRNE) infra ect is funded by 75,0 25,0 Dject Cost: Project Cost: tructed. BTS is carrier T1 circu 10,0 Dject Cost: Project Cost: ding a technolog	653,316 structure. Work in interagency reversion 75,000 75,000 25,000 25,000 886,725 718,500 currently working it. This project is 000 10,000 2,745,459 2,913,500	Objective: Includes capacity enues. ODO 75, ODO 25, ODJective: If on the site plan is funded by interaction of the company of	Replacement upgrades, end-of-life 000 1,625,000 000 Southeast Replacement and land use for the agency revenues. 0 480,000 000 Citywide Replacement

Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018- Estimate Budget	ed Estima	ted	5-Year Total
BTS									
Office 365 Implementation (C00057))			Total Pro	oject Cost:	2,150,119	9 Area	a: Citywid	le
	Confidence Lo	evel: Moderate		Original	Project Cost:	1,753,265	Objective	: Replac	ement
Project Description									
This CIP will continue the City's transit model, implementation roadmap, user							cluding identifica	ation of a g	overnance
Total Requirements	958,408	532,529	659,182	0)	0	0	0	659,182
Operating and Maintenance Costs			0	135,200	135,2	200 135	5,200 1	35,200	
Remote Antenna Testing and Monit	oring (C00058))		Total Pro	oject Cost:	75,000) Area	a: Southe	ast
-	Confidence L	evel: Low		Original	Project Cost:	75,000	Objective	e: Replac	ement
Project Description	MI I radia antono	a avatama ta allav	, Tashaslam, Can	ilaan ta tant and	monitor the ent		t aitaa withaut ta	alcina than	offling
This project will install sensors in 800 l Funding for this project will be from tec			7 recillology Serv	ices to test and	monitor the and	erina systems a	ii siles willioul la	iking mem	omme.
Total Requirements	0	0	0	0	75,0	000	0	0	75,000
Operating and Maintenance Costs			0	0)	0	0	0	
NEW - VHF and 700 MHz NSPAC Re	epeater (C0006	0)		Total Pro	oject Cost:	250.000) Area	: Southe	ast
NEW - VHF and 700 MHz NSPAC Re	Confidence Lo	evel: Moderate		Original	oject Cost: Project Cost:		Objective	e: Efficien	псу
	Confidence Lo	evel: Moderate requencies and 70		Original es at BTS radio s	Project Cost:	250,000 pabilities of radi nunications. Fu	Objective	et there ha	as been e from
Project Description This project will install interoperable re increased demand from City and non-technology reserves.	Confidence Lo	evel: Moderate requencies and 70 /HF and 700 MHz	repeaters to supp	Original es at BTS radio s ort regional inter	Project Cost: sites. As the ca operable comm	250,000 pabilities of radi nunications. Fu	Objective of the control of the cont	ed there ha	as been e from
Project Description This project will install interoperable re increased demand from City and non-technology reserves. Total Requirements	Confidence Long peaters on VHF froity agencies for V	evel: Moderate requencies and 70 /HF and 700 MHz	repeaters to supp	Original es at BTS radio s ort regional inter 125,000	Project Cost: sites. As the ca operable comm	pabilities of radi nunications. Fu	Objective ios have improvending for this pre	ed there habject will be	as been e from 250,000
Project Description This project will install interoperable re increased demand from City and non-technology reserves. Total Requirements Operating and Maintenance Costs	Confidence Long peaters on VHF for the city agencies for V 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	evel: Moderate requencies and 70 /HF and 700 MHz	repeaters to supp	Original es at BTS radio s ort regional inter 125,000 0 Total Pre	Project Cost: sites. As the caroperable comm	250,000 pabilities of radinunications. Fu	Objective ios have improvending for this pre	ed there habject will be	as been e from 250,000
Project Description This project will install interoperable re increased demand from City and non-technology reserves. Total Requirements Operating and Maintenance Costs	Confidence Long peaters on VHF for the city agencies for V 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	evel: Moderate requencies and 70 /HF and 700 MHz	repeaters to supp	Original es at BTS radio s ort regional inter 125,000 0 Total Pre	Project Cost: sites. As the caroperable community of the cost of the c	250,000 pabilities of radinunications. Fu	Objective ios have improvending for this pre	et there habject will be 0 0 0	as been e from 250,000
Project Description This project will install interoperable re increased demand from City and non-technology reserves. Total Requirements Operating and Maintenance Costs Radio Site Video Security Monitoring	confidence Lospeaters on VHF ficity agencies for V o o confidence Lospeaters on VHF ficity agencies for V o agencies for V o agencies for V o o agencies for V o o o o o d d d d d d d d	requencies and 70 //HF and 700 MHz 0 evel: Moderate ring equipment at remote (as oppose	repeaters to supp 0 0 Technology Servicesed to on-site) mo	Original es at BTS radio s ort regional inter 125,000 0 Total Pro Original ces radio sites. E	Project Cost: sites. As the caroperable community of the community of the community of the community of the cost: Project Cost: BTS radio sites	pabilities of radi nunications. Fu 100 0 150,000 are located as f	Objective ios have improvending for this pre 0 0 0 Area Objective	ed there habject will be 0 0 0 a: Southe	as been e from 250,000 east acy
Project Description This project will install interoperable reincreased demand from City and non-technology reserves. Total Requirements Operating and Maintenance Costs Radio Site Video Security Monitorin Project Description This project will install remote controllathe addition of video monitoring equip	confidence Lospeaters on VHF ficity agencies for V o o confidence Lospeaters on VHF ficity agencies for V o agencies for V o agencies for V o o agencies for V o o o o o d d d d d d d d	requencies and 70 //HF and 700 MHz 0 evel: Moderate ring equipment at remote (as oppose	repeaters to supp 0 0 Technology Servicesed to on-site) mo	Original es at BTS radio s ort regional inter 125,000 0 Total Pro Original ces radio sites. E	Project Cost: sites. As the caroperable community of the cost: Project Cost: BTS radio sites not a larms,	pabilities of radinunications. Fu	Objective ios have improvending for this pre 0 0 0 Area Objective	ed there habject will be 0 0 0 a: Southe	as been e from 250,000 east ncy Mt. Hood. well as
Project Description This project will install interoperable re increased demand from City and non-technology reserves. Total Requirements Operating and Maintenance Costs Radio Site Video Security Monitorin Project Description This project will install remote controlla The addition of video monitoring equip building interiors. Funding for this project	confidence Lospeaters on VHF ficity agencies for V o o o confidence Lospeaters on VHF ficity agencies for V o o description of the confidence Lospeaters on VHF ficity agencies for V o o o o o o o o o o o o o	evel: Moderate requencies and 70 /HF and 700 MHz 0 evel: Moderate ring equipment at remote (as oppositional or green)	Technology Services do on-site) mo	Original es at BTS radio s ort regional inter 125,000 Total Pre Original ces radio sites. E nitoring in respo	Project Cost: iites. As the caroperable communication of the communication of the communication of the communication of the cost: Project Cost: BTS radio sites are to alarms,	pabilities of radinunications. Fu	Objective ios have improvending for this pro 0 0 Objective ar away as Vanc of both site peri	ed there had be piect will be 0 0 0 a: Southe couver and meters as well as the couver and meters are the couver and the couver	as been e from 250,000 east acy
Project Description This project will install interoperable re increased demand from City and non-technology reserves. Total Requirements Operating and Maintenance Costs Radio Site Video Security Monitorin Project Description This project will install remote controlla The addition of video monitoring equip building interiors. Funding for this project Total Requirements Operating and Maintenance Costs	confidence Long peaters on VHF from the confidence Long (C00061) Confidence Long the	evel: Moderate requencies and 70 /HF and 700 MHz 0 evel: Moderate ring equipment at remote (as opposchnology reserves	Technology Servicesed to on-site) mo	Original es at BTS radio s ort regional inter 125,000 0 Total Pro Original ces radio sites. E nitoring in respo	Project Cost: iites. As the ca operable comm 125,0 oject Cost: Project Cost: 8TS radio sites nse to alarms,	pabilities of radinunications. Fu 100 150,000 150,000 are located as foroviding views	Objective ios have improvending for this present of the present of the present of both site periods. Objective of the present of the presen	ed there had been determined there had been determined by the been d	as been e from 250,000 east accy Mt. Hood. well as
Project Description This project will install interoperable re increased demand from City and non-technology reserves. Total Requirements Operating and Maintenance Costs Radio Site Video Security Monitorin Project Description This project will install remote controllathe addition of video monitoring equip building interiors. Funding for this project Total Requirements	Confidence Long peaters on VHF froity agencies for V Ong (C00061) Confidence Long peaters on VHF froity agencies for V Ong (C00061) Confidence Long peaters will allow for the control of the control	evel: Moderate requencies and 70 /HF and 700 MHz 0 evel: Moderate ring equipment at remote (as opposchnology reserves	Technology Servicesed to on-site) mo	Original es at BTS radio s ort regional inter 125,000 0 Total Pro Original ces radio sites. E nitoring in respo 75,000 0 Total Pro	Project Cost: iites. As the caroperable communication of the communication of the communication of the communication of the cost: Project Cost: BTS radio sites are to alarms,	pabilities of radinunications. Further providing views 1000 0 150,000 150,000 0 0 375,000	Objective ios have improvending for this present of the present o	ed there had been determined there had been determined by the been d	as been e from 250,000 ast toy Mt. Hood. well as 150,000
Project Description This project will install interoperable re increased demand from City and non-technology reserves. Total Requirements Operating and Maintenance Costs Radio Site Video Security Monitorin Project Description This project will install remote controlla The addition of video monitoring equip building interiors. Funding for this project Total Requirements Operating and Maintenance Costs Microwave Radio Upgrades for Sput	Confidence Long peaters on VHF froity agencies for V Ong (C00061) Confidence Long peaters on VHF froity agencies for V Ong (C00061) Confidence Long peaters will allow for the control of the control	evel: Moderate requencies and 70/HF and 700 MHz 0 evel: Moderate ring equipment at remote (as opposchnology reserves) 0	Technology Servicesed to on-site) mo	Original es at BTS radio s ort regional inter 125,000 0 Total Pro Original ces radio sites. E nitoring in respo 75,000 0 Total Pro	Project Cost: iites. As the ca operable comm 125,0 oject Cost: Project Cost: BTS radio sites nse to alarms, 75,0 oject Cost:	pabilities of radinunications. Further providing views 1000 0 150,000 150,000 0 0 375,000	Objective ios have improvending for this present of the present o	ed there had been deduced the been deduced the been deduced to be deduced the been deduced to be deduced the been deduced to be deduced to be deduced the been deduced to be deduced to	as been e from 250,000 ast toy Mt. Hood. well as 150,000
Project Description This project will install interoperable re increased demand from City and non-technology reserves. Total Requirements Operating and Maintenance Costs Radio Site Video Security Monitorin Project Description This project will install remote controlla The addition of video monitoring equip building interiors. Funding for this project Total Requirements Operating and Maintenance Costs	confidence Lopeaters on VHF ficity agencies for V ong (C00061) Confidence Lopeaters will allow for the confidence Lope with Aviat Eclip a service) capability agencies to the confidence Lope with Aviat Eclip a service) capability and confidence Lopeaters with Aviat Eclip a service) capability and confidence Lopeaters with Aviat Eclip a service) capability and confidence Lopeaters with Aviat Eclip a service) capability and confidence Lopeaters with Aviat Eclip a service) capability and confidence Lopeaters with Aviat Eclip as service) capability and confidence Lopeaters with Aviat Eclip as service) capability and confidence Lopeaters with Aviat Eclip as service and confidence Lopeaters with Aviat Eclip and confidence Lopeaters with Aviat Eclip as service and confidence Lopeaters with Aviat Eclip and confidence Lopeat	evel: Moderate requencies and 70 //HF and 700 MHz 0 evel: Moderate ring equipment at remote (as opporchnology reserves 0 62) evel: Moderate ose radios. This proties. There is a nertice.	Technology Services to on-site) mo	Original es at BTS radio s ort regional inter 125,000 0 Total Pre Original ces radio sites. E nitoring in respo 75,000 0 Total Pre Original	Project Cost: iites. As the caroperable communication of the communication of the communication of the cost: Project Cost: Project Cost: Project Cost: Project Cost: ave links to an and this will hel	250,000 pabilities of radinunications. Fu 100 150,000 150,000 are located as foroviding views 100 375,000 375,000 internet protocolo to improve BT	Objective ios have improvending for this provending for the provending for this provending for the provending for the provending for the provending for this	ed there habject will be 0 0 0 a: Southe ed there habject will be 0 0 0 a: Southe ed there habject will be 0 0 a: Southe ed there habject will be 0 0 0 a: Southe ed there habject will be pse radio village habbect will be pse radio village habbett will be	as been e from 250,000 east nocy Mt. Hood. well as 150,000 east terment with TDM (T1
Project Description This project will install interoperable re increased demand from City and non-technology reserves. Total Requirements Operating and Maintenance Costs Radio Site Video Security Monitorin Project Description This project will install remote controlla The addition of video monitoring equip building interiors. Funding for this project Total Requirements Operating and Maintenance Costs Microwave Radio Upgrades for Sputher Costs Project Description BTS upgraded the main microwave logation of the project of the projec	confidence Lopeaters on VHF ficity agencies for V ong (C00061) Confidence Lopeaters will allow for the confidence Lope with Aviat Eclip a service) capability agencies to the confidence Lope with Aviat Eclip a service) capability and confidence Lopeaters with Aviat Eclip a service) capability and confidence Lopeaters with Aviat Eclip a service) capability and confidence Lopeaters with Aviat Eclip a service) capability and confidence Lopeaters with Aviat Eclip a service) capability and confidence Lopeaters with Aviat Eclip as service) capability and confidence Lopeaters with Aviat Eclip as service) capability and confidence Lopeaters with Aviat Eclip as service and confidence Lopeaters with Aviat Eclip and confidence Lopeaters with Aviat Eclip as service and confidence Lopeaters with Aviat Eclip and confidence Lopeat	evel: Moderate requencies and 70 //HF and 700 MHz 0 evel: Moderate ring equipment at remote (as opporchnology reserves 0 62) evel: Moderate ose radios. This proties. There is a nertice.	Technology Services to on-site) mo	Original es at BTS radio s ort regional inter 125,000 0 Total Pre Original ces radio sites. E nitoring in respo 75,000 0 Total Pre Original	Project Cost: iites. As the ca operable community of the community of the community of the community of the cost: Project Cost: BTS radio sites nase to alarms, 75,0 oject Cost: Project Cost: ave links to an and this will hell be from technology.	pabilities of radinunications. Further providing views and statement protocco to to improve BT logy reserves.	Objective ios have improvending for this provending for the provending for this provending for the provending for the provending for the provending for this	ed there habject will be 0 0 0 a: Southe ed there habject will be 0 0 0 a: Southe ed there habject will be 0 0 a: Southe ed there habject will be 0 0 0 a: Southe ed there habject will be pse radio village habbect will be pse radio village habbett will be	as been e from 250,000 east nocy Mt. Hood. well as 150,000 east terment with TDM (T1

Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget	FY 2019-2 Estimated Budget	d 5-Yea	
RTS									
Cherwell Capability Expansion (C	•				ject Cost:	397,858		Citywide	
	Confidence Le	evel: Moderate		Original	Project Cost:	50,000	Objective:	Expansion	
Project Description This project will allow the BTS Support Those include Customer Self Servicin being more effective in servicing of	e, Change Manager	nent, Configuratio	n Management D	atabase and Kno	wledgebase. Th	is expansion of fu	inctionality will a		
Total Requirements	193,040	134,818	70,000	0		0	0	0	70,00
Operating and Maintenance Costs	;		3,000	3,000	3,00	3,00	00 3	,000	
Online Payment Services (C00064	n			Total Pro	oject Cost:	531,500	Area:	Citywide	
Cimilo i ayinoni coi vicos (cocco i		vel: Moderate			Project Cost:			Replacement	
Duning Description				g		,		. topiacomoni	
Project Description BTS is replacing the City's existing penhancements and expansion. This solution is a city-wide service that prothe payment gateway will have fees technology reserves.	is necessary due to ovides each City but	demand and to steau with standard	tay in compliance d technology to all	with new and cha	anging Payment ers to pay for a w	Card Industry (Pride variety of City	CI) requirement goods and ser	s. The online pa vices. A bureau	u usin
Total Requirements	0	80,000	271,500	39,000	45,00	00 45,0	00 51	,000 4	51,50
Operating and Maintenance Costs	3		50,000	50,000	50,00	50,00	00 50	,000	
NEW - Forest Heights IR Site Purconstruction Project Description This project would purchase the project would be	Confidence Le			Original The current owner		is retiring and w	Objective:	·	in in
Project Description This project would purchase the project order to provide adequate radio cove	Confidence Le	st Heights radio s safety and public	service agencies	Original The current owner. This project will	Project Cost: er of the property be funded with	449,400 v is retiring and whoureau technologous	Objective: ants to sell. This y reserves.	Expansion	
Project Description This project would purchase the proporder to provide adequate radio cover Total Requirements	Confidence Leaders of the Confidence Leaders	st Heights radio s	service agencies 449,400	Original The current owner	Project Cost: er of the property be funded with	449,400	Objective:	Expansion	
Project Description This project would purchase the project order to provide adequate radio cove	Confidence Leaders of the Confidence Leaders	st Heights radio s safety and public	service agencies	Original The current owner. This project will	Project Cost: er of the property be funded with	449,400 v is retiring and w bureau technolog	Objective: ants to sell. This y reserves.	Expansion	
Project Description This project would purchase the proporder to provide adequate radio cover Total Requirements	Confidence Leader perty where the Foreerage for both public	st Heights radio s safety and public 0	service agencies 449,400	Original The current owne This project will 0 5,000	Project Cost: er of the property be funded with	449,400 v is retiring and w bureau technolog	Objective: ants to sell. This y reserves.	Expansion s site is needed 0 4	
Project Description This project would purchase the proporder to provide adequate radio coverable. Total Requirements Operating and Maintenance Costs	confidence Leader perty where the Foregrage for both public 0 s	st Heights radio s safety and public 0	service agencies 449,400	Original The current owner This project will 5,000 Total Pro	Project Cost: er of the property be funded with	v is retiring and w bureau technolog 0 5,00 60,000	Objective: ants to sell. This y reserves.	Expansion s site is needed 0 4.0000 Southeast	
Project Description This project would purchase the proporder to provide adequate radio coverable. Total Requirements Operating and Maintenance Costs	perty where the Foregrage for both public 0 cent Systems (Ci Confidence Le	st Heights radio s safety and public 0 0 00068) evel: Moderate	449,400 0 cations Video Sho	Original The current owns This project will 5,000 Total Pro Original	Project Cost: or of the property be funded with 5,00 pject Cost: Project Cost:	v is retiring and w bureau technolog 0 60,000 or all video syste	Objective: ants to sell. This y reserves. 0 Area: Objective:	Expansion s site is needed 0 4- ,000 Southeast Efficiency	49,40
Project Description This project would purchase the project to provide adequate radio cover Total Requirements Operating and Maintenance Costs NEW - Video Enterprise Management Project Description This project will provide for a consolemonitoring must be done on-site. The	perty where the Foregrage for both public 0 cent Systems (Ci Confidence Le	st Heights radio s safety and public 0 0 00068) evel: Moderate	449,400 0 cations Video Sho	Original The current owns This project will 5,000 Total Pro Original	Project Cost: er of the property be funded with 5,00 pject Cost: Project Cost: anage and monit roviding for incre	v is retiring and w bureau technolog 0 60,000 or all video syste	Objective: ants to sell. This y reserves. 0 Area: Objective:	Expansion s site is needed 0 4- ,000 Southeast Efficiency of Portland. Curonsiveness. This	rrently
Project Description This project would purchase the project would purchase the project to provide adequate radio cover. Total Requirements Operating and Maintenance Costs NEW - Video Enterprise Managem Project Description This project will provide for a consolemonitoring must be done on-site. The project will be funded with bureau temporary or the project will be funded with bu	perty where the Foregrage for both public 0 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	st Heights radio s safety and public 0 00068) evel: Moderate	449,400 0 cations Video Shouration, alerting a	Original The current owns This project will 5,000 Total Pro Original op to centrally mand monitoring, p	Project Cost: er of the property be funded with 5,00 pject Cost: Project Cost: anage and monit roviding for incre	v is retiring and w bureau technolog 0 0 5,00 60,000 60,000 or all video syste eases in both efficients	Objective: ants to sell. This y reserves. O Area: Objective:	Expansion s site is needed 0 4- ,000 Southeast Efficiency of Portland. Curonsiveness. This	rrently
Project Description This project would purchase the project to provide adequate radio covered to a covered to the project Description This project will provide for a consoled monitoring must be done on-site. The project will be funded with bureau terms to the project will be funded with bureau terms.	perty where the Foregrage for both public 0 confidence Le Confidence Le e solution that will allow chnology reserves.	out the Community for remote config	cations Video Shouration, alerting a	Original The current owns This project will 5,000 Total Pro Original op to centrally ma and monitoring, p 0 Total Pro	Project Cost: er of the property be funded with 5,00 pject Cost: Project Cost: anage and monit roviding for incre	v is retiring and w bureau technolog 0 0 5,00 60,000 or all video syste eases in both efficient 0 0 250,000	Objective: ants to sell. This y reserves. O O O O O O O O O O O O O O O O O O	Expansion s site is needed 0 4- 0000 Southeast Efficiency of Portland. Cur onsiveness. Thi 0 0 Southeast	rrently
Project Description This project would purchase the project to provide adequate radio covered to provide and management of the project Description This project will provide for a console monitoring must be done on-site. The project will be funded with bureau terms of the project will be funded with bureau terms. Total Requirements Operating and Maintenance Costs	confidence Lease perty where the Foregrage for both public of the public	out the Community for remote config	cations Video Shouration, alerting a	Original The current owns This project will 5,000 Total Pro Original op to centrally ma and monitoring, p 0 Total Pro	Project Cost: er of the property be funded with 5,00 pject Cost: Project Cost: anage and monit roviding for incre pject Cost:	v is retiring and w bureau technolog 0 0 5,00 60,000 or all video syste eases in both efficient 0 0 250,000	Objective: ants to sell. This y reserves. O O O O O O O O O O O O O O O O O O	Expansion s site is needed 0 4- 0000 Southeast Efficiency of Portland. Cur onsiveness. Thi 0 0 Southeast	rrently
Project Description This project would purchase the project order to provide adequate radio covered to project some standard project Description This project will provide for a console monitoring must be done on-site. The project will be funded with bureau terms to project will be funded with bureau terms. Operating and Maintenance Costs NEW - Smart Card Technology (Communication of the project of the project will be funded with bureau terms.)	confidence Lease perty where the Foregrage for both public to the public state of the	st Heights radio s safety and public 0 00068) evel: Moderate configure of the configure o	cations Video Shouration, alerting a 60,000	Original The current owner. This project will 0 5,000 Total Pro Original op to centrally mand monitoring, p 0 0 Total Pro Original	Project Cost: er of the property be funded with 5,00 pject Cost: Project Cost: anage and monit roviding for incre pject Cost: Project Cost: Project Cost:	449,400 v is retiring and w bureau technology 0 0 0 5,00 60,000 or all video syste eases in both effice 0 0 250,000 cops and tablets.	Objective: ants to sell. This y reserves. O O O O O O O O O O O O O O O O O O	Expansion s site is needed 0 4- ,0000 Southeast Efficiency of Portland. Curonsiveness. Thi 0 0 Southeast Expansion	rrently is 60,000
Project Description This project would purchase the project to provide adequate radio covered to project sold management of the project Description This project will provide for a console monitoring must be done on-site. The project will be funded with bureau terms of the project will be funded with bureau terms. Total Requirements Operating and Maintenance Costs NEW - Smart Card Technology (Composed Description This project is to implement Smart Card Technology (Composed Description This project is to implement Smart Card Technology (Composed Description This project is to implement Smart Card Technology (Composed Description This project is to implement Smart Card Technology (Composed Description This project is to implement Smart Card Technology (Composed Description This project is to implement Smart Card Technology (Composed Description This project is to implement Smart Card Technology (Composed Description This project is to implement Smart Card Technology (Composed Description This project De	confidence Lease perty where the Foregrage for both public to the public state of the	st Heights radio s safety and public 0 00068) evel: Moderate configure of the configure o	cations Video Shouration, alerting a 60,000	Original The current owner. This project will 0 5,000 Total Pro Original op to centrally mand monitoring, p 0 0 Total Pro Original	Project Cost: er of the property be funded with 5,00 pject Cost: Project Cost: anage and monit roviding for incre pject Cost: Project Cost: project Cost: project Cost:	vis retiring and w bureau technology of the property of the pr	Objective: ants to sell. This y reserves. O O O Area: Objective: ms for the City of idency and respondency are respondency and respondency and respondency and respondency are respondency and respondency and respondency a	Expansion s site is needed 0 4- 0000 Southeast Efficiency of Portland. Cur onsiveness. Thi 0 0 Southeast Expansion anology would for serves.	rrently is 60,000

apital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget	FY 2019-20 Estimated Budget		ear tal
rs									
NEW - Critical Security Controls Fra	amework (C0007	71)		Total Pro	oject Cost:	650,000	Area:	Southeast	
	Confidence Lev	el: Moderate		Original	Project Cost: 65	50,000	Objective:	Mandated	
Project Description This project will put into place an Inforr required to ensure that the City has su limited to the Payment Card Industry (I (HIPPA), Oregon Identity Theft Protect	itable cyber defense PCI), Federal Tax In	es to protect ag formation (FTI)	ainst unauthorized , Criminal Justice	access of infrast Information Secu	ructure and data. rity (CJIS), Health	Existing mandate	es of complian	ce include bu	t are no
Total Requirements	0	0	100,000	250,000	100,000	100,000	100,	000	650,000
Operating and Maintenance Costs			0	150,000	150,000	150,000	150,	000	
NEW - Mobile Data Management To	ol (C00072)			Total Pro	oject Cost:	87,500	Area:	Citywide	
	Confidence Lev	el: Low		Original	Project Cost: 87	7,500	Objective:	Efficiency	
Project Description This project would purchase and imple phones and iPads. This project will be				nanaging non-W	indows mobile dev	vices. Examples	of those device	es include sn	nart
Total Requirements	0	0	87,500	0	0	()	0	87,50
Operating and Maintenance Costs			5,000	5,000	5,000	5,000	5,	000	
NEW - Out of Band Management (C	00073) Confidence Lev	el: Low			oject Cost: Project Cost: 75	75,000 5,000	Area: Objective:	Citywide Efficiency	
Project Description This project would provide for the purc have been shut down or are in sleep m with bureau technology reserves. Total Requirements	Confidence Lev	nd implementat	n of turning on wo	Original	Project Cost: 75 S to deploy softwally in order to comp	5,000 are, patching and plete upgrade op	Objective: other support erations. This	Efficiency to workstatio project will be	funded
Project Description This project would provide for the purchave been shut down or are in sleep mith bureau technology reserves.	Confidence Lev hase, installation ar node. This tool gives	nd implementat s BTS the optio	n of turning on wo	Original It would allow BT rkstations remote	Project Cost: 75 S to deploy softwarely in order to comp	are, patching and plete upgrade op	Objective: other support erations. This	Efficiency to workstatio	funded
Project Description This project would provide for the purchave been shut down or are in sleep mith bureau technology reserves. Total Requirements	Confidence Lev hase, installation ar lode. This tool gives	nd implementat s BTS the optio	n of turning on wo	Original at would allow BT rkstations remote	Project Cost: 75 S to deploy softwarely in order to comp	are, patching and plete upgrade op	Objective: other support erations. This p	Efficiency to workstatio project will be	funded
Project Description This project would provide for the purchave been shut down or are in sleep mith bureau technology reserves. Total Requirements Operating and Maintenance Costs	Confidence Lev hase, installation ar lode. This tool gives	nd implementat s BTS the optio 0	n of turning on wo	Original at would allow BT rkstations remote 0 0 Total Pro	Project Cost: 75 S to deploy softwally in order to compare to the	are, patching and plete upgrade op	Objective: other support erations. This p	to workstatio project will be 0 000 Citywide	funded
Project Description This project would provide for the purchave been shut down or are in sleep mith bureau technology reserves. Total Requirements Operating and Maintenance Costs	confidence Lev hase, installation ar hode. This tool gives 0 hent (C00074) Confidence Lev cations platform than is platform will allo	nd implementates BTS the option 0 rel: Moderate at will allow for I	on of turning on wo	Original It would allow BT rkstations remote 0 Total Pro Original	Project Cost: 75 S to deploy softwardly in order to complete in order to	are, patching and plete upgrade op (5,000) 125,000 The city-wide IT s	other support erations. This process of the support	to workstatio project will be 0 000 Citywide Efficiency	75,000
Project Description This project would provide for the purc have been shut down or are in sleep myth bureau technology reserves. Total Requirements Operating and Maintenance Costs NEW - Mobile Application Managen Project Description This project establishes a Mobile Application one of the highest priority initiatives. The	confidence Lev hase, installation ar hode. This tool gives 0 hent (C00074) Confidence Lev cations platform than is platform will allo	nd implementates BTS the option 0 rel: Moderate at will allow for I	on of turning on wo	Original It would allow BT rkstations remote 0 Total Pro Original	S to deploy softwarely in order to compare to consistent sure to consistent sur	are, patching and plete upgrade op (5,000) 125,000 The city-wide IT sport across the	other support erations. This production of the support of the supp	to workstatio project will be 0 000 Citywide Efficiency	75,000
Project Description This project would provide for the purchave been shut down or are in sleep myith bureau technology reserves. Total Requirements Operating and Maintenance Costs NEW - Mobile Application Managem Project Description This project establishes a Mobile Applione of the highest priority initiatives. The funded with bureau technology reserved.	confidence Level hase, installation are node. This tool gives to the confidence Level cations platform will allows.	nd implementates BTS the option 0 el: Moderate at will allow for law for standards	on of turning on wo	Original It would allow BT rkstations remote 0 Total Pro Original bile applications tent, maintenance	Project Cost: 75 S to deploy software ly in order to compare to consistent surface to city customers. The consistent surface to city customers and consistent surface to city customers.	are, patching and plete upgrade op (5,000) 125,000 The city-wide IT sport across the	other support erations. This process of the support	to workstation or oject will be 0 0000 Citywide Efficiency dentifies mobs s project will	75,000
Project Description This project would provide for the purchave been shut down or are in sleep mainth bureau technology reserves. Total Requirements Operating and Maintenance Costs NEW - Mobile Application Managen Project Description This project establishes a Mobile Application one of the highest priority initiatives. The funded with bureau technology reserves.	Confidence Lev hase, installation ar lode. This tool gives 0 nent (C00074) Confidence Lev cations platform than is platform will allows.	ond implementates BTS the option of the opti	BTS to deliver mot based developments	Original to would allow BT restations remote 0 Total Pro Original bile applications tent, maintenance 0 15,000	Project Cost: 75 S to deploy software ly in order to compare to consistent surface to city customers. The consistent surface to city customers and consistent surface to city customers.	are, patching and plete upgrade op (5,000) 125,000 The city-wide IT s pport across the (15,000)	other support erations. This process of the support	to workstatio project will be 0 0000 Citywide Efficiency dentifies mobs project will 0	75,000 rs. illity as be
Project Description This project would provide for the purchave been shut down or are in sleep mouth bureau technology reserves. Total Requirements Operating and Maintenance Costs NEW - Mobile Application Managem Project Description This project establishes a Mobile Application one of the highest priority initiatives. The funded with bureau technology reserved. Total Requirements Operating and Maintenance Costs NEW - Replace Symantec Secure Weet and the purchase of the secure weet.	Confidence Lev hase, installation ar lode. This tool gives 0 nent (C00074) Confidence Lev cations platform that is platform will allows. 0 Veb Gateways (Confidence Lev	ond implementates BTS the option of the opti	BTS to deliver mot based developments	Original to would allow BT restations remote 0 Total Pro Original bile applications tent, maintenance 0 15,000	Project Cost: 75 S to deploy softwarely in order to comply in order to comply for the second state of the second state of the second se	are, patching and plete upgrade op (5,000) 125,000 The city-wide IT s pport across the (15,000)	other support erations. This process of the support	to workstation or oject will be to workstation of the total or oject will be to the total of the	75,000
Project Description This project would provide for the purchave been shut down or are in sleep mainth bureau technology reserves. Total Requirements Operating and Maintenance Costs NEW - Mobile Application Managen Project Description This project establishes a Mobile Application one of the highest priority initiatives. The funded with bureau technology reserved. Total Requirements Operating and Maintenance Costs	Confidence Lev hase, installation ar hode. This tool gives 0 hent (C00074) Confidence Lev cations platform that is platform will allows. 0 Ceb Gateways (Confidence Lev wo Symantec secur m malware and oth	el: Moderate at will allow for law for standards co0075) el: High	BTS to deliver mot based developments based developments and the state of the state	Original It would allow BT restations remote 0 Total Pro Original idea applications tent, maintenance 0 15,000 Total Pro Original ce Bureau. Sym	Project Cost: 75 S to deploy software by in order to compare to compare to compare to compare to compare to compare to consider the cost of the cost o	are, patching and plete upgrade op (5,000) 125,000 125,000 The city-wide IT spport across the (15,000) 38,000 ays are a City sta	other support erations. This process of the support erations. This process of the support of the	to workstatio project will be a composed on the composed of the composed of the composed on th	75,000 75,000 125,000
Project Description This project would provide for the purchave been shut down or are in sleep may with bureau technology reserves. Total Requirements Operating and Maintenance Costs NEW - Mobile Application Managem Project Description This project establishes a Mobile Application one of the highest priority initiatives. The funded with bureau technology reserved. Total Requirements Operating and Maintenance Costs NEW - Replace Symantec Secure Well Project Description This project will allow BTS to replace the aid in protecting the Police network from the purchase of the pu	Confidence Lev hase, installation ar hode. This tool gives 0 hent (C00074) Confidence Lev cations platform that is platform will allows. 0 Ceb Gateways (Confidence Lev wo Symantec secur m malware and oth	el: Moderate at will allow for law for standards co0075) el: High	BTS to deliver mote based development of turning on work to deliver mote based development of the device of the de	Original It would allow BT restations remote 0 Total Pro Original idea applications tent, maintenance 0 15,000 Total Pro Original ce Bureau. Sym	Project Cost: 75 S to deploy softwarely in order to compare the compare to compare the compare to compare the cost of the cost	are, patching and plete upgrade op (5,000) 125,000 125,000 The city-wide IT s pport across the (15,000) 38,000 38,000 ays are a City strite access and from	other support erations. This process of the support erations. This process of the support of the	to workstatio project will be a composed on the composed of the composed of the composed on th	75,000 75,000 125,000

		Capitai iiii	provementi	Pian Summ	aries			
Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget		d 5-Year
CityFleet								
NEW - Replace and construct fueling	g stations (F00	0004)		Total Pro	oject Cost:	13,620,155	Area:	Central City
	Confidence Le	vel: Low		Original	Project Cost:	13,620,155	Objective:	Replacement
Project Description Based on results from a recently comp locations across the city. These location Kelly Building. The total cost of these reincrease emergency preparedness by confidence). The program will be fund-	ns include SW Fire eplacements is es developing fueling	st and Jefferson timated at \$9.7 r sites on the wes	garage, Interstate nillion (low confide it side of the Willar	Yard, Mt Tabor `ence). Additionally mette, and east o	Yard, Columbia y, the Bureau o of Highway 205.	Blvd Wastewate f Emergency Mar These projects a	r Treatment Plar nagement has id are estimated at	nt, and Penumbra entified a need to
Total Requirements	100,000	1,202,297	4,506,719	4,506,718	4,506,7	'18	0	0 13,520,1
Operating and Maintenance Costs			0	0		0	0	0
NEW - BDS Replacement (FVDS16)				Total Pro	oject Cost:	445,934	Area:	Central City
, ,	Confidence Le	vel: High			Project Cost:	•	Objective:	Replacement
Project Description								
Scheduled vehicle and equipment repla	acement for Devel	opment Services	s. This project is for	unded by interag	ency revenues.			
Total Requirements	0	0	333,294	29,799		0	0 82	2,841 445,93
Operating and Maintenance Costs			0	0		0	0	0
Citywide Projects								
RegJIN Project (S00003)	Confidence Le	vel: Optimal			oject Cost: Project Cost:	13,451,955 11,430,000		Citywide Replacement
Project Description The project replaces the Portland Polic law enforcement agencies. Funding for				nagement Syste	m used by the I	Portland Police B	ureau as well as	many local and stat
Total Requirements	6,923,477	6,077,875	450,603	0		0	0	0 450,60
Operating and Maintenance Costs			1,925,984	1,925,984	1,925,9	1,925,9	984 1,925	,984
Radio System Replacement (S00008	3)			Total Pro	oject Cost:	45,269,510	Area:	Citywide
	Confidence Le	vel: Optimal			Project Cost:	, ,		Replacement
Project Description This project covers the study, developr sustainment plan is under developmen Fund and funds from the Public Safety	t, net operations a							
Total Requirements	17,804,257	17,950,282	5,404,498	9,251,393		0	0	0 14,655,89
Operating and Maintenance Costs			0	0		0	0	0
HCM Forms & Processes (S00019)	Confidence Le	vel: High			oject Cost: Project Cost:	350,000 450,000	Area: Objective:	Citywide Efficiency
Project Description This project replaces paper forms and transparent. This project is funded by la		P HCM technolo	gies to make the b	ousiness, approv	al and auditing	processes chang	es more efficien	t, accurate and
Total Requirements	0	0	350,000	0		0	0	0 350,0
Operating and Maintenance Costs			0	0		0	0	0

Capital Improvement Plan Summaries

Capital Program	Prior	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	
Project	Years	Revised	Adopted	Estimated	Estimated	Estimated	Estimated	5-Year
	Capital	Budget	Budget	Budget	Budget	Budget	Budget	Total

Citywide Projects

NEW - Enterprise Asset Management Pilot (S00030)

Total Project Cost: 450,000 Area: Citywide

Confidence Level: Moderate Original Project Cost: 450,000 Objective: Efficiency

Project Description

This is a pilot project for an intergrated Asset Management solution, which includes the implementation of the SAP Plant Maintenance (Work Order System) and Flexible Real Estate modules. The facilities assets will be the pilot of the functionality. Implementation of the functionality will leverage the investment in SAP by saving money on external individual applications and improving efficiency by bringing all city facilities data into SAP. This project is funded by interagency revenues.

 Total Requirements
 0
 0
 450,000
 0
 0
 0
 0
 450,000

 Operating and Maintenance Costs
 0
 0
 0
 0
 0
 0

Facilities

NEW - Fire & Rescue Station Roof Replacements (B70014)

Total Project Cost: 250,000 Area: Citywide

Confidence Level: Low Original Project Cost: 250,000 Objective: Maintenance & Repa

Project Description

This project will replace the roofs at Fire & Rescue Stations 4, 16, 10, and 20. The roofs at these stations are in poor condition; they are already failing, with several leaks and areas of wet insulation. The new roofs will be covered by a water tight warranty for 20 years. Eliminating the leaks will remove several safety hazards such as wet floors and mold growth. The project also removes the risk of water damage to the station resulting in more expensive asset damage and costly repairs. Funding for this project comes from the BFRES Facilities GO Bond Construction Fund.

 Total Requirements
 0
 0
 250,000
 0
 0
 0
 0
 0
 250,000

 Operating and Maintenance Costs
 \$0
 \$0
 \$0
 \$0
 \$0
 \$0

Capital Improvement Plan Summaries

apital Program	Prior	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-1	19 FY 2019-2	20
Project	Years	Revised	Adopted	Estimated	Estimated	Estimate		
	Capital	Budget	Budget	Budget	Budget	Budget	Budget	Total
sset Management								
Road Rehabilitation Program (Pavir	ng Preservatio	n), CW (T0005	5)	Total Pro	oject Cost:	9,949,776	Area:	Citywide
	Confidence Le	evel: Low		Original	Project Cost:	14,000,000	Objective:	Maintenance-Pre
Project Description The City utilizes a Pavement Managem coordinating with Active Transportation available General Fund Surplus dollars 10th Ave); East Burnside (20th Ave to West Burnside and along SE 122nd Avenue 1220 Project Pr	n to incorporate miss are allocated. Pi 32nd Ave) along v	ulti-modal improv rojects identified t with various safet	ements and other for improvement ir y improvements si	safety related electude: NE 122nd sclude: NE 122nd sch as corner AE	ements. Curre d Ave (I-84 Rar)A ramps, med	nt funding for thi nps to Skidmore ian islands and i	is program is only pe); SW Oak St (SW rapid flashing beach	provided when Y Naito Pkwy to SV
Total Requirements	0	2,169,290	9,949,776	0	1	0	0	0 9,949,
Operating and Maintenance Costs			0	0	ı	0	0	0
Signal Communication (T00057)				Total Pro	oject Cost:	300,000) Area:	Citywide
	Confidence Le	evel: Moderate		Original	Project Cost:	600,000	Objective:	Replacement
Project Description This is a continuing program of installir to traffic signal timing and allows monit consumption. This work complements	toring of malfunction	oning signals to s	peed necessary re	epairs which imp	roves traffic flo	w and safety, an	nd reduces air pollu	
Total Requirements	0	50,000	50,000	50,000	50,0	000 50	0,000 50	,000 250,0
Operating and Maintenance Costs			0	0)	0	0	0
Signal Reconstruction (T00058)				Total Pro	oject Cost:	2,169,984	4 Area:	Citywide
	Confidence Le	evel: Moderate		Original	Project Cost:	3,420,000	Objective:	Replacement
Project Description								
The project is a continuing program to rehabilitation, replacement of aging tra							nnual gap in capita	al repair,
Total Requirements	0	461,998	309,550	349,609	349,6	609 349	9,609 349	,609 1,707,9
Operating and Maintenance Costs			0	0	1	0	0	0
Bridges/O-Passes (T00208)				Total Pro	oject Cost:	4,340,144	ı Area:	Citywide
	Confidence Le	evel: Low		Original	Project Cost:	1,677,659	Objective:	Replacement
Project Description								
This project is a continuing program to	luded N Lombard	Road over Colur 5), completed in 2	nbia Slough (BR-1 2014. Funding is g	05), completed i	n 2012, NE 21	st Avenue over (Columbia Slough ((BR-08), completed
transit within the City. Past projects inc 2012, and NW Thurman Bridge over B (BR-7) , NE Glisan Street Bridge (BR-3		te viaduct (BR-18						704 0.005
transit within the City. Past projects inc 2012, and NW Thurman Bridge over B		1,014,724	2,826,524	124,724	124,7	'24 124	1,724 124	,724 3,325,4
transit within the City. Past projects inc 2012, and NW Thurman Bridge over B (BR-7), NE Glisan Street Bridge (BR-	33) and N Interstat	•	2,826,524	124,724 0		724 124 0	1,724 124 0	0
transit within the City. Past projects inc 2012, and NW Thurman Bridge over B (BR-7) , NE Glisan Street Bridge (BR-3 Total Requirements Operating and Maintenance Costs	33) and N Interstal	•		0	· · · · · · · · · · · · · · · · · · ·		0	
transit within the City. Past projects inc 2012, and NW Thurman Bridge over B (BR-7) , NE Glisan Street Bridge (BR-3 Total Requirements Operating and Maintenance Costs	33) and N Interstat 0 211)	•		Total Pro		4,767,654	0 4 Area:	0
transit within the City. Past projects inc 2012, and NW Thurman Bridge over B (BR-7), NE Glisan Street Bridge (BR-5 Total Requirements	33) and N Interstat 0 211)	1,014,724		Total Pro	oject Cost:	4,767,654	0 4 Area:	0 Citywide

0

1,119,609

2,729,609

0

229,609

0

229,609

0

229,609

0

229,609

0

3,648,045

Total Requirements

Operating and Maintenance Costs

Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget	FY 2019-2 Estimate Budget		5-Year Total
Asset Management									
Naito Pkwy: I-405 - Jefferson, SW (1	Г00339)			Total Pro	oject Cost:	1,000,000	Area:	Southwe	est
	Confidence Le	evel: Low		Original	Project Cost:	1,000,000	Objective:	Mainten	ance-Safety
Project Description									
This project addresses a long-standing provided by the Oregon Department of	, ,					ito to the north wa	as reconstructed	in 2007.	Funding is
Total Requirements	760	39,240	250,000	749,240		0	0	0	999,240
Operating and Maintenance Costs			0	0		0	0	0	
Lighting Efficiency Program, CW (T	00359)			Total Pro	oject Cost:	17,500,000	Area:	Citywide)
	Confidence Le	evel: Low		Original	Project Cost:	17,500,000	Objective:	Replace	ment
Project Description									
This project is the first phase of an efform by City Council in December 2012 and more than 50%, resulting in a net cost that are currently made to PBOT.	implementation is	s scheduled to sta	art in April 2014. T	ne retrofit of the	street lighting w	ill reduce the ene	rgy consumption	of each	fixture by
<i></i>									
Total Requirements	396,967	7,500,000	4,500,000	4,500,000	3,603,0	33	0	0	12,603,033
· —	396,967	7,500,000	4,500,000	4,500,000	-,,-	33	0	0	12,603,033
Total Requirements Operating and Maintenance Costs	396,967	7,500,000		, ,	-,,-				12,603,033
Total Requirements Operating and Maintenance Costs	396,967	7,500,000		0	-,,-		0		
Total Requirements Operating and Maintenance Costs Economic Vitality	396,967 Confidence Le			Total Pro		3,850,187	0	0 Northea	st
Total Requirements Operating and Maintenance Costs Economic Vitality				Total Pro	oject Cost:	3,850,187	O Area:	0 Northea	st
Total Requirements Operating and Maintenance Costs Economic Vitality Columbia Blvd/MLK Blvd (T00024)	Confidence Le Freight Master Pla gnal. Design has s	evel: Low an as a Tier One tarted and will co	0 project. It includes ntinue throughout	Total Pro Original construction of a	oject Cost: Project Cost: a right turn lane	3,850,187 2,486,234 from NE Columb	O Area: Objective:	0 Northea Efficience	st cy er King Jr.
Total Requirements Operating and Maintenance Costs Economic Vitality Columbia Blvd/MLK Blvd (T00024) Project Description This project was identified in the 2006 Blvd and installation of a new traffic sig	Confidence Le Freight Master Pla gnal. Design has s	evel: Low an as a Tier One tarted and will co	0 project. It includes ntinue throughout	Total Pro Original construction of a	oject Cost: Project Cost: a right turn lane The project is cu	3,850,187 2,486,234 from NE Columb	O Area: Objective:	0 Northea Efficience	st cy er King Jr. ss with
Total Requirements Operating and Maintenance Costs Economic Vitality Columbia Blvd/MLK Blvd (T00024) Project Description This project was identified in the 2006 Blvd and installation of a new traffic sign construction expected to begin in late 2	Confidence Le Freight Master Pla gnal. Design has s 2015. Funding is p	evel: Low an as a Tier One started and will co brimarily federal w	project. It includes ntinue throughout ith local match.	Total Pro Original construction of a the 2014 year.	oject Cost: Project Cost: a right turn lane he project is cu	3,850,187 2,486,234 from NE Columb urrently in the righ	Area: Objective: ia Blvd to NE Mat-of-way acquisit	Northea Efficience artin Luthe	st cy er King Jr.
Total Requirements Operating and Maintenance Costs Economic Vitality Columbia Blvd/MLK Blvd (T00024) Project Description This project was identified in the 2006 Blvd and installation of a new traffic sign construction expected to begin in late 2 Total Requirements	Confidence Le Freight Master Pla gnal. Design has s 2015. Funding is p 447,346	evel: Low an as a Tier One started and will co brimarily federal w	project. It includes ntinue throughout ith local match.	Total Pro Original construction of a the 2014 year. T	oject Cost: Project Cost: a right turn lane he project is cu	3,850,187 2,486,234 from NE Columburrently in the righ	Area: Objective: ia Blvd to NE Mat-of-way acquisit	Northea Efficience artin Lutheion proce	st er King Jr. ss with 1,298,958
Total Requirements Operating and Maintenance Costs Economic Vitality Columbia Blvd/MLK Blvd (T00024) Project Description This project was identified in the 2006 Blvd and installation of a new traffic sig construction expected to begin in late 2 Total Requirements Operating and Maintenance Costs	Confidence Le Freight Master Pla gnal. Design has s 2015. Funding is p 447,346	evel: Low an as a Tier One started and will co brimarily federal w	project. It includes ntinue throughout ith local match.	Total Pro Original construction of a the 2014 year. 1	oject Cost: Project Cost: a right turn lane The project is cu	3,850,187 2,486,234 from NE Columb urrently in the righ 0 0	Area: Objective: ia Blvd to NE Mat-of-way acquisit	Northea Efficience artin Luthe ion proce 0 0	st cy er King Jr. ss with 1,298,958
Total Requirements Operating and Maintenance Costs Economic Vitality Columbia Blvd/MLK Blvd (T00024) Project Description This project was identified in the 2006 Blvd and installation of a new traffic sig construction expected to begin in late 2 Total Requirements Operating and Maintenance Costs	Confidence Le Freight Master Pla gnal. Design has s 2015. Funding is p 447,346	evel: Low an as a Tier One laterted and will co rrimarily federal w 955,840	project. It includes ntinue throughout ith local match.	Total Pro Original construction of a the 2014 year. 1	pject Cost: Project Cost: a right turn lane The project is cu	3,850,187 2,486,234 from NE Columb urrently in the righ 0 0	Area: Objective: ia Blvd to NE Mat-of-way acquisit 0 0	Northea Efficience artin Luthe ion proce 0 0	st cy er King Jr. ss with 1,298,958
Total Requirements Operating and Maintenance Costs Economic Vitality Columbia Blvd/MLK Blvd (T00024) Project Description This project was identified in the 2006 Blvd and installation of a new traffic sig construction expected to begin in late 2 Total Requirements Operating and Maintenance Costs Portland to Milwaukie LRT, SE (T00)	Confidence Lease Freight Master Playnal. Design has second to the second	evel: Low an as a Tier One partered and will continuarily federal will continuarily federal will sevel: Moderate evel: Moderate ro, Clackamas Continuarily federate will be sevel. Will be sevel.	project. It includes ntinue throughout ith local match. 1,298,958 0 ounty, City of PortI lamette River throughout a general construction with a general construction wit	Total Pro Original construction of a the 2014 year. 1 0 Total Pro Original and, and City of ugh SE Portland	pject Cost: Project Cost: a right turn lane he project is cu	3,850,187 2,486,234 from NE Columburrently in the right 0 0 8,100,998 4,914,277	Ohjective: ia Blvd to NE Mat-of-way acquisit Ohjective: transit from the control of the contr	Northea Efficience artin Luthe ion proce 0 0 Citywide Replace	st er King Jr. ss with 1,298,958 ement of waukie,
Total Requirements Operating and Maintenance Costs Economic Vitality Columbia Blvd/MLK Blvd (T00024) Project Description This project was identified in the 2006 Blvd and installation of a new traffic sig construction expected to begin in late 2 Total Requirements Operating and Maintenance Costs Portland to Milwaukie LRT, SE (T00) Project Description This is a Tri-Met project with participatit downtown Portland to South Waterfrom terminating at Park Avenue in Clackan	Confidence Lease Freight Master Playnal. Design has second to the second	evel: Low an as a Tier One partered and will continuarily federal will continuarily federal will sevel: Moderate evel: Moderate ro, Clackamas Continuarily federate will be sevel. Will be sevel.	project. It includes ntinue throughout ith local match. 1,298,958 0 ounty, City of PortI lamette River throughout a general construction with a general construction wit	Total Pro Original construction of a the 2014 year. 1 0 Total Pro Original and, and City of ugh SE Portland	pject Cost: Project Cost: a right turn lane The project is co	3,850,187 2,486,234 from NE Columburrently in the right 0 0 8,100,998 4,914,277	Ohjective: ia Blvd to NE Mat-of-way acquisit Ohjective: transit from the control of the contr	Northea Efficience artin Luthe ion proce 0 0 Citywide Replace	st er King Jr. ss with 1,298,958 ement of waukie,

		Capitai iiii	provement	Pian Sumin	iaries				
Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget		d	5-Year Total
conomic Vitality									
Burnside & Pearl Dist Xing Improve	ement, W (T003	58)		Total P	roject Cost:	3,165,000	Area:	Northwe	est
	Confidence Le	vel: Moderate		Origina	l Project Cost:	2,600,000	Objective:	Efficien	су
Project Description The Pearl District Access Plan was add Improvements on Burnside were added neighborhoods. Project will install five improving access to Old Town / Chinat Renewal Area (URA) Tax Increment Fiexpected to begin in winter of 2015.	d later to the project new traffic signal in town. Additional im	ct. The overall pro the Pearl Distric aprovements incli	oject goals are to ct and modify the ude curb extensio	provide safer cr signal at 4th and ns at key interse	ossings and pro I W. Burnside. T ections. Funding	vide better acces he modified sign will be predomin	s from West Bur al will provide a l antly from River	nside into eft turn to District U	the adjace the north, rban
Total Requirements	430,263	1,903,029	412,314		0	0	0	0	412,31
Operating and Maintenance Costs			0		0	0	0	0	
Parking Machines (T00387)	Confidence Le	vel: Low			roject Cost: I Project Cost:	7,520,000 5,100,000	Area: Objective:	Citywid Expans	
Project Description Purchase and install paystations in exist funded with bond proceeds to be repaid.			eplacement of sin	gle space meter	s or additional p	aystations to exp	and the paid par	king. Pro	ject will be
Total Requirements	0	5,100,000	2,420,000		0	0	0	0	2,420,00
Operating and Maintenance Costs			0		0	0	0	0	
Project Description This project will construct a traffic signal traffic signal at NE Cully Blvd. This pro	Confidence Le	vel: Low	od Rd and NE Co	Origina olumbia Blvd. Tl		so include evalua	Objective:	ary desig	cy n of a paired
joint project with the Port of Portland.									
Total Requirements	0	0	528,083	4,999,67		0	0	0	5,527,75
Operating and Maintenance Costs			0		0	0	0	0	
NEW - St. Johns Truck Strategy, Ph.	. II, N (T00453) Confidence Le	vel: Low			roject Cost: I Project Cost:	3,346,126 3,346,126	Area: Objective:	North Efficien	су
Project Description This project will improve freight mobility funded through Regional Flexible Fund					g improvements	and N Fessende	n and N St. Louis	s. The pr	roject is
Total Requirements	0	0	834,200	2,511,92	6	0	0	0	3,346,12
Operating and Maintenance Costs			0		0	0	0	0	
NEW - South Rivergate Freight Proj	ect, N (T00458) Confidence Le				roject Cost: I Project Cost:	3,590,772 3,590,772	Area: Objective:	North Efficien	су
Project Description This project will improve the intersectio project will also begin preliminary engir construction in 2016.									
Total Requirements	0	0	0	3,590,77	2	0	0	0	3,590,77
Operating and Maintenance Costs			0		0	0	0	0	

Capital Improvement Plan Summaries

		Capital In	nprovement	Plan Summ	naries				
Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget		d	5-Year Total
Economic Vitality									
NEW - Bond: Gibbs - River Pkwy, S	W (T00461)			Total Pr	oject Cost:	9,700,000	Area:	Southwe	est
	Confidence L	evel: Low		Original	Project Cost:	9,700,000	Objective:	Efficiend	СУ
Project Description This project will develop preliminary er	ngineering for the	extension on Bo	and St. from SW Gi	bbs to River Park	way, the projec	t is funded by the	Portland Develo	opment Co	ommission.
Total Requirements	0	(260,000	2,140,000	4,400,0	000 2,400,0	000	0	9,200,000
Operating and Maintenance Costs			0	C)	0	0	0	
NEW - SW Corridor Transit (T00505)			Total Pr	oject Cost:	700,000	Area:	Southwe	est
	Confidence L	evel: Low		Original	Project Cost:	700,000	Objective:	Growth	
Project Description									
transit (HCT) alternatives, multimodal active transportation, parks, trails and the Portland Central City, Southwest P the City's match contribution for the pla	natural. The plan ortland, Tigard, a	is currently expl and Tualatin prior	oring Bus Rapid Tr	ansit (BRT) and l	ight Rail Trans	it (LRT) alternativ	es for several al	ignments	that connec
Total Requirements	0	(700,000	C)	0	0	0	700,000
Operating and Maintenance Costs			0	C)	0	0	0	
Health & Livability									
Killingsworth: Commercial-MLK, N	` ,				oject Cost:	3,728,896		Northea	
	Confidence L	evel: Low		Original	Project Cost:	2,832,290	Objective:	Replace	ement
Project Description This project is the next phase of street 2003. Improvements include new sider Construction is expected to begin in wi	walks with archite	ctural scoring, n	ew street trees, and	d street lighting a	nd stormwater f	facilities. This is p	hase II of a mult	i-phase pi	roject.
Total Requirements	732,837	1,003,502	2 496,032	C)	0	0	0	496,032
Operating and Maintenance Costs			0	C)	0	0	0	
LID Street Design (T00031)				Total Pr	oject Cost:	330,600	Area:	Citywide	e
	Confidence L	evel: Low		Original	Project Cost:	1,473,922	Objective:	Replace	ement
Project Description									
This is a placeholder for future Local Ir construct and finance transportation ar property owners provide LID funding. <i>I</i>	nd stormwater infi	rastructure impro	ovements. These p	rojects will constr	uct street, sidev				
Total Requirements	0	156,600	174,000	C)	0	0	0	174,000

Operating and Maintenance Costs

0

0

0

0

0

		Oupitui iiii	provement	i iuii Ouiiiii	iarico				
Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget			ed 5-	-Year Total
Health & Livability									
Pre-LID Street Design (T00033)	Confidence Le	vel: Low			oject Cost: Project Cost:	180,000 150,000		Citywide Replacem	ent
Project Description The costs of scoping and estimating L cannot be recovered from property ow will move forward; however those that sidewalk, and stormwater improvements.	ners in the absence do move forward p	e of constructing rovide considera	transportation and able leverage to P	d stormwater infr BOT and advanc	astructure impr e Citywide obje	rovements. It is no ectives. These pro	ot known beforel bjects scope and	nand whethe	r an LID
Total Requirements	0	30,000	30,000	30,000	30,0	000 30,	000 30	0,000	150,000
Operating and Maintenance Costs			0	()	0	0	0	
Federal and State Program Match F	Funds (T00066)			Total Pr	oject Cost:	2,581,599	Area:	Citywide	
5	Confidence Le	vel: Low			Project Cost:		Objective:	Efficiency	
Project Description This provides local matching funds for	grants that may be	awarded to the	City through the s	tate and federal	programs for d	evelopment, desi	gn, and construc	tion of capita	al
improvements. The fund will provide lo	ocal match for appr	oximately four to	six projects each	year.		•		·	
Total Requirements	0	1,037,244	0	(514,7	785 514,	785 514	1,785	1,544,355
Operating and Maintenance Costs			0	()	0	0	0	
Bike Parking Fund (T00133)	Confidence Le	vel: Low			oject Cost: Project Cost:	420,000 308,000		Citywide Expansion	1
Project Description The need for bike parking has been id improvements in the right-of-way. The					ongoing addition	onal bicycle parki	ng capacity and	associated	
Total Requirements	0	70,000	70,000	70,000	70,0	000 70,	000 70	0,000	350,000
Operating and Maintenance Costs			0	()	0	0	0	
PDC Small Projects (T00167)				Total Pr	oject Cost:	400,000	Area:	Citywide	
	Confidence Le	vel: Low		Original	Project Cost:	500,000	Objective:	Efficiency	
Project Description This is a placeholder for small neighboudget year.	orhood transportation	on improvement	projects, which m	ay be identified a	and funded by F	PDC Urban Renev	wal Advisory Cor	nmittees dur	ring the
Total Requirements	0	200,000	200,000	()	0	0	0	200,000
Operating and Maintenance Costs			0	()	0	0	0	
Red Electric Trail, SW (T00274)				Total Pr	oject Cost:	2,150,088	Area:	Southwest	t
	Confidence Le	vel: Low		Original	Project Cost:	1,929,183	Objective:	Replacem	ent
Project Description This project is the result of the 2007 R for pedestrians and cyclists between S	ed Electric Trail Pla W Bertha Court ar	anning Study. Ti nd SW Capitol H	he purpose of this ighway. Funding is	phase of the prospering primarily federa	eject is to desig	n and construct o	ff-street and on s Parks and Recre	street trail co eation.	nnections
Total Requirements	44,305	275,485	454,946	1,437,654		0	0		1,892,600
Operating and Maintenance Costs	,	-,	0	(0	0	0	. ,-2-

Capital Improvement Plan Summaries

		Capital Im	provement	Plan Sumn	naries				
Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget			d	5-Year Total
Health & Livability									
NEW - OR99W: SW 19th Ave to SW	26th - Barbur	Blvd Demo (T	00333)	Total Pi	roject Cost:	1,999,413	Area:	Southwe	est
	Confidence Le	evel: Low		Origina	l Project Cost:	2,000,000	Objective:	Maintena	ance-Safety
Project Description									
This project will implement strategical Council in 1999. The project is focuse and bike lanes along SW Barbur Blvd pedestrians and cyclists to access trathe project is provided by a federal gra	d on improving pe , rationalize drivewnsit and destination	destrian and bicy vays, make minor ns along or acros	cle safety, connect improvements to s SW Barbur Blvc	ctivity, accessibili existing signaliz d. The project wil	ty, and transit a ed intersections	ccess. It will build s, and provide two	critical missing onew enhanced of	gaps in the crossings	sidewalks for
Total Requirements	0	100,000	337,245	1,662,16	 B	0	0	0	1,999,410
Operating and Maintenance Costs			0	(0	0	0	0	
Bike Share, CC (T00336)				Total Pi	roject Cost:	2,100,000	Area:	Citywide	ı
, , ,	Confidence Lo	evel: Low		Origina	I Project Cost:		Objective:	Mainten	ance-Safety
Project Description									
This project provides start up support sponsors to provide additional funding Program.									
Total Requirements	238,863	25,505	1,761,137	(0	0	0	0	1,761,137
Operating and Maintenance Costs			0	•	0	0	0	0	
112th & Marx LID, NE (T00347)				Total Pi	roject Cost:	3,093,778	Area:	Northeas	st
	Confidence Le	evel: Low		Origina	l Project Cost:	2,932,082	Objective:	Replace	ment
Project Description									
This project was budgeted in the Capi and finance transportation and stormy Street from NE 109th Avenue to NE 1 provided by the owners of benefiting p project NE 112th is currently underwa	vater infrastructure 12th Avenue, and properties over and	improvements. on the full width of above a fixed \$1	The project will co of NE 112th Aven 100,000 contribution	nstruct street, sig ue from NE Marx on from the Bure	dewalk, and stor Street to south au of Environm	rmwater improven of NE Deering D	nents on the nort rive. All direct pro	h side of I oject fundi	NE Marx ng is being
Total Requirements	360,151	686,434	1,894,695	13,53	8 4,4	133	0	0	1,912,666
Operating and Maintenance Costs			0	(0	0	0	0	
NEW - Couch Ct: 3rd Ave-Couch St	t LID, NE (T003	60)		Total Pi	roject Cost:	473,132	Area:	Northea	st
	Confidence Le	evel: Low		Origina	I Project Cost:	473,132	Objective:	Efficienc	;y
Project Description									
Construct new one-way westbound st development. This project is funded to		om NE Couch St.	to NE 3rd Ave. to	provide new acc	ess and improv	red circulation for	the new Burnside	e Bridgehe	ead
Total Requirements	21,305	0	331,738	(0	0	0	0	331,738

Operating and Maintenance Costs

0

0

0

0

0

apital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget		d 5	-Year Total
ealth & Livability									
East Portland Access Transit (T00383)			Total Pr	oject Cost:	4,472,488	Area:	East		
Confidence Level: Low			Original	Original Project Cost:		Objective:	Replacem	nent	
Project Description									
This project combines pedestrian impro Project elements include sidewalk infill stops in east Portland safer and easier neighborhood greenways funding. Cor	, crossing improve for both pedestria	ements on the ro ans and cyclists.	ute of the 130's N The project is fund	eighborhood Gre	enway. The ove	erall goal of the pr	oject is to make	accessing t	transit
Total Requirements	231,430	500,000	3,114,283	836,995	5	0	0	0	3,951,27
Operating and Maintenance Costs			0	()	0	0	0	
NEW - 136th Ave: Powell - Division,	SE (T00394)			Total Pr	oject Cost:	2,300,000	Area:	Southeast	t
	Confidence Level: Low			Original Project Cost:		1,500,000	Objective:	Maintenance-Safet	
Project Description									
The project will construct missing sides approximately ½ mile. In addition to the corridor. This project will begin construrepresentatives.	e sidewalks on the	e west side of the	corridor, the proje	ect will construct	a pedestrian cro	ossing median and	d enhanced cros	ssings along	the
approximately ½ mile. In addition to the corridor. This project will begin constru	e sidewalks on the	e west side of the	corridor, the proje	ect will construct velopment Charg	a pedestrian cro	ossing median and	d enhanced cros	ssings along	the state
approximately ½ mile. In addition to the corridor. This project will begin constru representatives.	e sidewalks on the oction in winter 201	e west side of the 15. Funding is a r	corridor, the proje nix of System Dev	ect will construct relopment Charg	a pedestrian croes (SDC) and s	ossing median and tate funding obtai	d enhanced cros	ssings along elegation of	the
approximately ½ mile. In addition to the corridor. This project will begin constru representatives. Total Requirements	e sidewalks on the ction in winter 201 398,999	e west side of the 15. Funding is a r 953,300	corridor, the proje nix of System Dev 245,876 0	ect will construct velopment Charg	a pedestrian croes (SDC) and s	ossing median and tate funding obtai	d enhanced cros ned through a de 0 0	ssings along elegation of	g the state 245,87
approximately ½ mile. In addition to the corridor. This project will begin constru representatives. Total Requirements Operating and Maintenance Costs	e sidewalks on the ction in winter 201 398,999	e west side of the 15. Funding is a r 953,300 Sec. (T00437)	corridor, the proje nix of System Dev 245,876 0	ect will construct relopment Charg	a pedestrian croes (SDC) and s	ossing median and tate funding obtains 0 0 1,077,000	d enhanced cros ned through a de 0 0	ssings along elegation of 0 0 Northeast	g the state 245,87
approximately ½ mile. In addition to the corridor. This project will begin constru representatives. Total Requirements Operating and Maintenance Costs NEW - Marine Drive Path: NE 112th	e sidewalks on the ction in winter 201 398,999 Ave-185th Ave	e west side of the 15. Funding is a r 953,300 Sec. (T00437)	corridor, the proje nix of System Dev 245,876 0	ect will construct relopment Charg	a pedestrian croes (SDC) and s	ossing median and tate funding obtains 0 0 1,077,000	d enhanced cros ned through a de 0 0 Mrea:	ssings along elegation of 0 0 Northeast	g the state 245,87
approximately ½ mile. In addition to the corridor. This project will begin constru representatives. Total Requirements Operating and Maintenance Costs	a sidewalks on the ction in winter 201 398,999 Ave-185th Ave Confidence Le gnalized crossing a f street trail betwe	e west side of the 15. Funding is a r 953,300 Sec. (T00437) evel: Low at 112th to a pedden proposed sign	corridor, the projenix of System Dev 245,876 0	ect will construct velopment Charg	a pedestrian croes (SDC) and s oject Cost: I Project Cost: uffered bike lane all a new signal	ossing median and tate funding obtain the funding obtained	d enhanced cros ned through a de 0 0 Area: Objective: to just west of N IE 138th and we	ssings along elegation of 0 0 Northeast Efficiency	th one Off strees
approximately ½ mile. In addition to the corridor. This project will begin constru representatives. Total Requirements Operating and Maintenance Costs NEW - Marine Drive Path: NE 112th Project Description The project will upgrade an existing signalized street crossing, construct of trail improvements at Well Head #15, a	a sidewalks on the ction in winter 201 398,999 Ave-185th Ave Confidence Le gnalized crossing a f street trail betwe	e west side of the 15. Funding is a r 953,300 Sec. (T00437) evel: Low at 112th to a pedden proposed sign	corridor, the projenix of System Dev 245,876 0	Total Pr Original con, construct be o122nd, and inst- 5th Ave. This pro-	a pedestrian croes (SDC) and s oject Cost: I Project Cost: uffered bike lane all a new signal	ossing median and tate funding obtain the funding obtained	d enhanced cros ned through a de 0 0 Area: Objective: to just west of N IE 138th and we	ssings along elegation of 0 0 Northeast Efficiency	th one Off streending
approximately ½ mile. In addition to the corridor. This project will begin constru representatives. Total Requirements Operating and Maintenance Costs NEW - Marine Drive Path: NE 112th Project Description The project will upgrade an existing signalized street crossing, construct of trail improvements at Well Head #15, a program dollars.	a sidewalks on the ction in winter 201 398,999 Ave-185th Ave Confidence Legan and the confidence Legan and the confidence Legan and the confidence confidence the confidence co	953,300 Sec. (T00437) evel: Low at 112th to a pedeen proposed sign trail from the PLI	corridor, the projentx of System Dev 245,876 0 estrian hybrid beatal crossing east to DAB site to NE 18	Total Pr Original con, construct be o122nd, and inst- 5th Ave. This pro-	a pedestrian croes (SDC) and s oject Cost: I Project Cost: uffered bike lane all a new signal oject is funded t	ossing median and tate funding obtain tate funding obtain tate funding obtain the funding obtain the funding obtain the funding obtained the funding obtaine	d enhanced croshed through a december of the d	o Northeast Efficiency E 122nd wit Il head #15. Flexible Fur	th one Off strees
approximately ½ mile. In addition to the corridor. This project will begin constru representatives. Total Requirements Operating and Maintenance Costs NEW - Marine Drive Path: NE 112th Project Description The project will upgrade an existing signalized street crossing, construct of trail improvements at Well Head #15, a program dollars. Total Requirements	a sidewalks on the ction in winter 201 398,999 Ave-185th Ave Confidence Le gnalized crossing a f street trail betwee and new off street	953,300 Sec. (T00437) evel: Low at 112th to a pedeen proposed sign trail from the PLI	corridor, the projenix of System Dev 245,876 0 estrian hybrid bea lal crossing east to NE 18 830,992	Total Pr Original con, construct be o122nd, and inst 5th Ave. This pro	a pedestrian croes (SDC) and s oject Cost: I Project Cost: uffered bike lane all a new signal oject is funded t	ossing median and tate funding obtain the funding obtained	d enhanced croshed through a december of the d	ssings along elegation of 0 0 Northeast Efficiency IE 122nd will head #15. Flexible Fur 0	th one Off streending
approximately ½ mile. In addition to the corridor. This project will begin constru representatives. Total Requirements Operating and Maintenance Costs NEW - Marine Drive Path: NE 112th Project Description The project will upgrade an existing signalized street crossing, construct of trail improvements at Well Head #15, a program dollars. Total Requirements Operating and Maintenance Costs	a sidewalks on the ction in winter 201 398,999 Ave-185th Ave Confidence Le gnalized crossing a f street trail betwee and new off street	e west side of the 15. Funding is a r 953,300 Sec. (T00437) evel: Low at 112th to a peden proposed sign trail from the PLI 325,000	corridor, the projenix of System Dev 245,876 0 estrian hybrid bea lal crossing east to NE 18 830,992	Total Pr Con, construct be o122nd, and inst o142nd, and i	a pedestrian croes (SDC) and s oject Cost: I Project Cost: uffered bike land all a new signal oject is funded t	ossing median and tate funding obtain the funding obtained the funding obtained tate funding f	d enhanced croshed through a december of the d	ssings along elegation of 0 0 Northeast Efficiency IE 122nd wit II head #15. Flexible Fur 0 0 Southwes	th one Off streending
approximately ½ mile. In addition to the corridor. This project will begin constru representatives. Total Requirements Operating and Maintenance Costs NEW - Marine Drive Path: NE 112th Project Description The project will upgrade an existing signalized street crossing, construct of trail improvements at Well Head #15, a program dollars. Total Requirements Operating and Maintenance Costs	a sidewalks on the ction in winter 201 398,999 Ave-185th Ave Confidence Leganalized crossing a fistreet trail betwee and new off street 0	e west side of the 15. Funding is a r 953,300 Sec. (T00437) evel: Low at 112th to a peden proposed sign trail from the PLI 325,000	corridor, the projenix of System Dev 245,876 0 estrian hybrid bea lal crossing east to NE 18 830,992	Total Pr Con, construct be o122nd, and inst o142nd, and i	a pedestrian croes (SDC) and s oject Cost: I Project Cost: uffered bike lane all a new signal oject is funded t	ossing median and tate funding obtain the funding obtained the funding obtained tate funding f	d enhanced croshed through a december of the d	ssings along elegation of 0 0 Northeast Efficiency IE 122nd wit II head #15. Flexible Fur 0 0 Southwes	th one Off streending
approximately ½ mile. In addition to the corridor. This project will begin constru representatives. Total Requirements Operating and Maintenance Costs NEW - Marine Drive Path: NE 112th Project Description The project will upgrade an existing sig signalized street crossing, construct of trail improvements at Well Head #15, a program dollars. Total Requirements Operating and Maintenance Costs NEW - 45th & California LID, SW (TO	Ave-185th Ave Confidence Le gnalized crossing a f street trail betwee and new off street 0 00450) Confidence Le	swest side of the 15. Funding is a r 953,300 Sec. (T00437) evel: Low at 112th to a pedden proposed sign trail from the PLI 325,000 evel: Low	corridor, the projentx of System Device 245,876 245,876 0 estrian hybrid beat all crossing east to DAB site to NE 18 830,992 0 om Vermont to Ca	ect will construct velopment Charg (((((((((((((((((((a pedestrian croes (SDC) and s oject Cost: I Project Cost: uffered bike lane all a new signal oject is funded t oject Cost: I Project Cost:	ossing median and tate funding obtain the funding obtain tale funding obtained and funding fun	d enhanced croshed through a december of the december of the control of the contr	Sings along elegation of 0 0 Northeast Efficiency IE 122nd will head #15. Flexible Fur 0 0 Southwes Efficiency	th one Off streending
approximately ½ mile. In addition to the corridor. This project will begin constru representatives. Total Requirements Operating and Maintenance Costs NEW - Marine Drive Path: NE 112th Project Description The project will upgrade an existing signalized street crossing, construct of trail improvements at Well Head #15, a program dollars. Total Requirements Operating and Maintenance Costs NEW - 45th & California LID, SW (TO	Ave-185th Ave Confidence Le gnalized crossing a f street trail betwee and new off street 0 00450) Confidence Le	swest side of the 15. Funding is a r 953,300 Sec. (T00437) evel: Low at 112th to a pedden proposed sign trail from the PLI 325,000 evel: Low	corridor, the projentx of System Device 245,876 245,876 0 estrian hybrid beat all crossing east to DAB site to NE 18 830,992 0 om Vermont to Ca	Total Pr Original con, construct be o122nd, and inst 5th Ave. This pro Total Pr Original	a pedestrian croes (SDC) and s oject Cost: I Project Cost: uffered bike lane all a new signal oject is funded t oject Cost: I Project Cost:	ossing median and tate funding obtain the funding obtain tale funding obtained and funding fun	d enhanced croshed through a december of the december of the control of the contr	Sings along elegation of 0 0 Northeast Efficiency IE 122nd will head #15. Flexible Fur 0 0 Southwes Efficiency	th one Off streending

Capital Improvement Plan Summaries

Capital Program	Prior	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	
Project	Years	Revised	Adopted	Estimated	Estimated	Estimated	Estimated	5-Year
	Capital	Budget	Budget	Budget	Budget	Budget	Budget	Total
-								

Health & Livability

NEW - Powell-Division High Capacity Transit (T00465) **Total Project Cost:** 1,007,894 Area: Southeast

Confidence Level: Low Original Project Cost: 1,007,894 Objective: Growth

Project Description

The purpose of this project is to begin to implement recommendations from the Powell-Division Transit and Development Project planning effort led by Metro with Tri-Met, ODOT, Multnomah County, Portland, and Gresham. The project will provide a more robust, rapid and reliable transit connection between Portland and Gresham on inner Powell Blvd transitioning to outer Division, including improved service and new station areas. Design and a National Environmental Policy Act (NEPA) review process are expected to begin in FY 2015-16, early construction activities in FY 2017-18, with an anticipated service opening in FY 2020-21. Project partners will likely seek Small Starts federal funding to leverage local matching funds, which, for the City of Portland, are expected to be Transportation System Development Charge revenues.

Total Requirements	0	0	1,007,894	0	0	0	0	1,007,894
Operating and Maintenance Costs			0	0	0	0	0	

Local Street Design

Public Work Permits (TI0000) **Total Project Cost:** Area: Citywide 8 413 215

> Confidence Level: Low Original Project Cost: 4,382,514 Objective: Expansion

Project Description

The Public Works Permit project provides for the plan review and construction engineering on all new and remodeled residential, commercial, and industrial projects. All engineering and plans work is performed by private sector professional engineers. The project is funded with fees paid by developers.

Total Requirements	0	1,063,215	1,450,000	1,450,000	1,475,000	1,475,000	1,500,000	7,350,000
Operating and Maintenance Costs			0	0	0	0	0	

Maintenance and Reliability

TGD: SE Powell Green Street and Pipe Reconstruction (E08659) **Total Project Cost:** 5.232.000 Area: Southeast

Confidence Level: High Original Project Cost: 7,026,000 Objective: Replacement

Objective: Replacement

Project Description

This project reconstructs approximately 5,300 linear feet of pipe including 1,790 LF in poor condition and 3,130 LF with inadequate capacity, and 365 LF of sewer extensions. This project also constructs 50 vegetated stormwater infiltration facilities. This project is a combination of three prior projects. Located in SE, there are two project areas generally bound (1) between Taggart and 7th and Rhone and 15th and (2) between 24th and 25th and Cora and Reynolds. This project is funded by bond proceeds repaid by sanitary sewer

Total Requirements	998,648	1,600,000	3,800,000	90,000	92,000	0	0	3,982,000
Operating and Maintenance Costs			0	0	0	0	3,000	

TGD: SE Hawthorne Greenstreet and Pipe Reconstruction (E08668) **Total Project Cost:** Area: Southeast 6,545,000 Confidence Level: High Original Project Cost: 2,216,000

Project Description

This project combines E08671 and E08668 into a single construction project. Located in SE Portland, one area is generally bound by Madison, 41st, Clay, and 50th; the other is bound by Yamhill, 46th, Main, and 49th. Together the projects will rehab 4,813 linear feet of pipe, install 28 stormwater facilities, plant 277 trees, and relieve basement backup risk to 111 parcels and street flooding at 21 manholes. This project is funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Requirements	1,096,516	898,000	4,500,000	200,000	85,000	0	0	4,785,000
Operating and Maintenance Costs			0	0	0	0	2,000	

Capital Improvement Plan Summaries

Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget			5-Year Total
Maintenance and Reliability									
Phase 2 Pipe Rehabilitation (E10031)			Total Pro	oject Cost:	126,000,000	Area:	Citywi	de
	Confidence Le	vel: Moderate		Original	Project Cost:	123,000,000	Objective:	Mainte	enance & Rep
Project Description									
This program includes structural rehabil pipes have been prioritized based on bu repaid by sanitary sewer and stormwate	usiness risk expos		,						
Total Requirements	37,493,401	41,028,000	32,252,000	28,713,000	4,703,0	100	0	0	65,668,000
Operating and Maintenance Costs			0	0		0	0	0	
Safety									
Sellwood Bridge (T00056)				Total Pro	oject Cost:	88,776,380	Area:	South	east
	Confidence Le	vel: Low		Original	Project Cost:	392,500	Objective:	Repla	cement
Project Description									
The Sellwood Bridge project is a Multno	mah County proj		- f D		The		the Colleged Dri	dae and	d modify the
west side interchange and will accommodate 2016. The project is funded by local and	odate pedestrians	s, bicyclists, moto							
west side interchange and will accomme	odate pedestrians	s, bicyclists, moto			The project is in				e complete in
west side interchange and will accommodate 2016. The project is funded by local and	odate pedestrians d federal transpor	s, bicyclists, moto tation funds.	or vehicles, and tra	nsit operations.	The project is in	n the construction	phase, anticipat	ed to be	e complete in
west side interchange and will accommodule 2016. The project is funded by local and Total Requirements	odate pedestrians d federal transpor 51,539,040	s, bicyclists, moto tation funds.	or vehicles, and tra	nsit operations.	The project is in	n the construction	phase, anticipat	ed to be	e complete in
west side interchange and will accommodule 2016. The project is funded by local and Total Requirements Operating and Maintenance Costs	odate pedestrians d federal transpor 51,539,040	s, bicyclists, moto tation funds. 20,737,340	or vehicles, and tra	nsit operations. 0 Total Pro	The project is in	0 0 1,688,912	phase, anticipat 0 0 Area:	0 0 South	e complete in
west side interchange and will accomme 2016. The project is funded by local and Total Requirements Operating and Maintenance Costs	odate pedestrians d federal transpor 51,539,040 E (T00305)	s, bicyclists, moto tation funds. 20,737,340	or vehicles, and tra	nsit operations. 0 Total Pro	The project is in	0 0 1,688,912	phase, anticipat 0 0 Area:	0 0 South	e complete in 16,500,000 east
west side interchange and will accomme 2016. The project is funded by local and Total Requirements Operating and Maintenance Costs Ramona & Holgate: 122nd- 136th, Si	odate pedestrians d federal transpor 51,539,040 E (T00305) Confidence Le ortation Enhanceler management, a	s, bicyclists, moto tation funds. 20,737,340 vel: Low ment (TE) Grant and bicycle mark	16,500,000 0 for the Safe Routeing improvements	Total Pro Original s to Powellhurston SE Holgate a	Dject Cost: Project Cost: Gilbert Neighb	1,688,912 1,658,000 orthood Schools in a St from SE 122r	phase, anticipat 0 0 Area: Objective:	0 0 South	16,500,000 east enance-Safety
west side interchange and will accomme 2016. The project is funded by local and Total Requirements Operating and Maintenance Costs Ramona & Holgate: 122nd- 136th, Significant Description This project was approved for a Transposidewalk infill, traffic calming, stormwate	odate pedestrians d federal transpor 51,539,040 E (T00305) Confidence Le ortation Enhanceler management, a	s, bicyclists, moto tation funds. 20,737,340 vel: Low ment (TE) Grant and bicycle mark	16,500,000 0 for the Safe Routeing improvements	Total Pro Original s to Powellhurston SE Holgate a	Dject Cost: Project Cost: Gilbert Neighbund SE Ramonas. Construction	1,688,912 1,658,000 orthood Schools in a St from SE 122r	phase, anticipat 0 0 Area: Objective:	0 0 South	east enance-Safety nclude is coming
west side interchange and will accomme 2016. The project is funded by local and Total Requirements Operating and Maintenance Costs Ramona & Holgate: 122nd- 136th, SI Project Description This project was approved for a Transposidewalk infill, traffic calming, stormwate from Transportation Enhancement feder	odate pedestrians d federal transpor 51,539,040 E (T00305) Confidence Le ortation Enhance er management, a ral funds and mat	s, bicyclists, moto tation funds. 20,737,340 vel: Low ment (TE) Grant and bicycle mark ch with City of Po	16,500,000 16 for the Safe Route ing improvements ortland general tra	Total Pro Original s to Powellhurst on SE Holgate ansportation fund	Dject Cost: Project Cost: Gilbert Neighband SE Ramonas. Construction	1,688,912 1,658,000 orhood Schools in a St from SE 122r will begin in the s	phase, anticipat 0 0 Area: Objective: n 2011. The projud to SE 136th. Full summer of 2015.	0 0 South Mainte	e complete in 16,500,000 east enance-Safety nclude
west side interchange and will accomme 2016. The project is funded by local and Total Requirements Operating and Maintenance Costs Ramona & Holgate: 122nd- 136th, SI Project Description This project was approved for a Transposidewalk infill, traffic calming, stormwate from Transportation Enhancement federotal Requirements	odate pedestrians d federal transpor 51,539,040 E (T00305) Confidence Le ortation Enhanceler management, aral funds and mat	s, bicyclists, moto tation funds. 20,737,340 vel: Low ment (TE) Grant and bicycle mark ch with City of Po	16,500,000 16,500,000 0 for the Safe Route ing improvements ortland general tra 1,228,893	Total Pro Original s to Powellhurst on SE Holgate a nsportation fund	Dject Cost: Project Cost: Gilbert Neighband SE Ramonas. Construction	1,688,912 1,658,000 orhood Schools in a St from SE 122r will begin in the s	phase, anticipat 0 0 Area: Objective: n 2011. The project to SE 136th. Fummer of 2015. 0 0	Souther Mainter of the following of the	e complete in 16,500,000 east enance-Safety nclude is coming
west side interchange and will accomme 2016. The project is funded by local and Total Requirements Operating and Maintenance Costs Ramona & Holgate: 122nd- 136th, St. Project Description This project was approved for a Transposidewalk infill, traffic calming, stormwate from Transportation Enhancement federon Total Requirements Operating and Maintenance Costs	odate pedestrians d federal transpor 51,539,040 E (T00305) Confidence Le ortation Enhanceler management, aral funds and mat	vel: Low ment (TE) Grant and bicycle mark; ch with City of Po	16,500,000 16,500,000 0 for the Safe Route ing improvements ortland general tra 1,228,893	Total Propertion of the control of t	pject Cost: Project Cost: -Gilbert Neighbund SE Ramonas. Construction	1,688,912 1,658,000 orhood Schools in a St from SE 122r will begin in the s 0 0 3,353,690	phase, anticipat 0 0 Area: Objective: 1 2011. The projud to SE 136th. Faummer of 2015. 0 0 Area:	South Mainte	east enance-Safety nclude is coming 1,228,893
west side interchange and will accomme 2016. The project is funded by local and Total Requirements Operating and Maintenance Costs Ramona & Holgate: 122nd- 136th, St. Project Description This project was approved for a Transposidewalk infill, traffic calming, stormwate from Transportation Enhancement federotal Requirements Operating and Maintenance Costs	odate pedestrians defederal transportion 51,539,040 E (T00305) Confidence Le cortation Enhance er management, a gral funds and mat 377,458 SE (T00338)	vel: Low ment (TE) Grant and bicycle mark; ch with City of Po	16,500,000 16,500,000 0 for the Safe Route ing improvements ortland general tra 1,228,893	Total Propertion of the control of t	Dject Cost: Project Cost: -Gilbert Neighburd SE Ramons. Construction	1,688,912 1,658,000 orhood Schools in a St from SE 122r will begin in the s 0 0 3,353,690	phase, anticipat 0 0 Area: Objective: 1 2011. The projud to SE 136th. Faummer of 2015. 0 0 Area:	South Mainte	east enance-Safety nclude is coming 1,228,893
west side interchange and will accomme 2016. The project is funded by local and Total Requirements Operating and Maintenance Costs Ramona & Holgate: 122nd- 136th, Side Project Description This project was approved for a Transposidewalk infill, traffic calming, stormwate from Transportation Enhancement federotal Requirements Operating and Maintenance Costs 20s Bikeway: Harney-Lombard, NE/Side Project in funder the store of the	odate pedestrians of federal transport of federal federa	vel: Low ment (TE) Grant and bicycle mark ich with City of Programment (Te) Grant and bicycle mark ich with City of Programment (Te) Grant in the Bicycle Mark ich with City of Programment (Te) Grant in the Bicycle Mark ich with City of Programment (Te) Grant in the Bicycle Mark in the	for the Safe Route ing improvements ortland general tra 1,228,893 0	Total Pro Original s to Powellhurst on SE Holgate a nsportation fund Total Pro Original	pject Cost: Project Neighbard SE Ramona S. Construction pject Cost: Project Cost: Project Cost:	1,688,912 1,658,000 orhood Schools in a St from SE 122r will begin in the s 0 0 3,353,690 2,338,000 updated in 2010.	phase, anticipat 0 0 Area: Objective: n 2011. The project of the SE 136th. Fourmer of 2015. 0 Area: Objective:	Souther Mainter O O O Norther Mainter Mainter O O O O O O O O O O O O O O O O O O O	east enance-Safety nclude is coming 1,228,893 east/Southeasenance-Safety
west side interchange and will accomme 2016. The project is funded by local and Total Requirements Operating and Maintenance Costs Ramona & Holgate: 122nd- 136th, Si Project Description This project was approved for a Transposidewalk infill, traffic calming, stormwate from Transportation Enhancement federotal Requirements Operating and Maintenance Costs 20s Bikeway: Harney-Lombard, NE/Si Project Description This project implements a major northslink in the bicycle network, connecting ethe project include crossing improveme	odate pedestrians of federal transport of federal federa	vel: Low ment (TE) Grant and bicycle mark ich with City of Programment (Te) Grant and bicycle mark ich with City of Programment (Te) Grant in the Bicycle Mark ich with City of Programment (Te) Grant in the Bicycle Mark ich with City of Programment (Te) Grant in the Bicycle Mark in the	for the Safe Route ing improvements ortland general tra 1,228,893 0	Total Pro Original s to Powellhurst on SE Holgate a nsportation fund Total Pro Original	pject Cost: Project Cost: Gilbert Neighband SE Ramonas. Construction pject Cost: Project Cost: Project Cost: il in 1998 and a facility from the olumes and spring in summer of 2	1,688,912 1,658,000 orhood Schools in a St from SE 122r will begin in the s 0 0 3,353,690 2,338,000 updated in 2010.	phase, anticipat 0 0 Area: Objective: n 2011. The project of the SE 136th. Fourmer of 2015. 0 Area: Objective:	Souther Mainter O O O Norther Mainter Mainter O O O O O O O O O O O O O O O O O O O	east enance-Safety nclude is coming 1,228,893 east/Southeas enance-Safety

Page 38 of 79

Capital Improvement Plan Summaries

		Capitai iiii	provement	rian Summ	iaiies				
Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget		FY 2019-2 Estimate Budget	d t	5-Year Total
Safety									
Active Corridor Management Projec	t (T00363)			Total Pr	roject Cost:	1,507,937	Area:	Citywide	
	Confidence L	evel: Low		Origina	I Project Cost:	1,500,000	Objective:	Maintena	ince-Safety
Project Description									
The Joint Policy Advisory Committee or System program funds in the 2012-201 Sandy Blvd, Division, Stark, Halsey, an fiber communications, and integrate the devices along NE Sandy Blvd from 16th Avenue. This project is part of a larger corridor. This project will be funded by (5 Metropolitan In Id along NE/SE 1 ese devices with In to 122nd Avenu City and Regiona	nprovement Prog 22nd Avenue. The the City's and OE ue, NE Glisan fron al Advanced Traff	ram to this project his project will inst OOT's Transportati m Sandy to 122nd ic Management Sy	The project will all electronic me on Operation Ce Avenue, SE Po estem and provide	construct and in essage signs, Clenters. The projection	mplement ITS infractions and Circuit TV carect will also install to 174th, NE Halse	astructure along ameras, traffic m one air quality s ey at 102nd to N	Powell Blue Blue Blue Blue Blue Blue Blue B	vd, Glisan stations, bluetooth at 162nd
Total Requirements	12,676	101,000	300,000	(0	0	0	0	300,00
Operating and Maintenance Costs			0	(0	0	0	0	
NEW - Close the Loop SC PMLRT B	etterment (T0	0380)		Total Pr	roject Cost:	4,000,000	Area:	Southeas	st
	Confidence L	evel: Low		Origina	I Project Cost:	4,000,000	Objective:	Maintena	ince-Safet
Project Description									
This project is a component of the Stret track, overhead catenary system, and s and Revenue Bonds repaid by future In	signal connection	s on and off the e	east end of the Por	tland-Milwaukie	Transit Bridge.	The project will be			
Total Requirements	0	2,155,000	250,000	(0	0	0	0	250,00
Operating and Maintenance Costs			0	(0	0	0	0	
NEW - Foster Rd: Powell Blvd - 90th	AVA SE (TOO	1382)		Total Pr	roject Cost:	5,667,784	Δrea:	Southeas	et
TVEW - FOSIEF FIG. FOWER BIVE - SOLI	Confidence L	,			l Project Cost:		Objective:		
Project Description				_	-		-		•
SE Foster Road has been an outstandi The SE Foster Road Safety and Sidew sidewalks in Lents, with street trees and corridor. Funding for this project comes construction scheduled for 2016.	alk Enhancemen d ADA curb ramp	t Project will intro s, curb extension	duce bicycle lanes and crossing im	along Foster Reprovements at ta	oad, while prese argeted location	erving space for a s, and street trees	potential future s and street lighti	streetcar, v ing through	widened nout the
Total Requirements	0	498,597	900,000	3,374,659	9 1,393,1	25	0	0	5,667,78
Operating and Maintenance Costs			0	(0	0	0	0	
Active Transportation Improvements	` '				roject Cost:	9,938,781		Citywide	
	Confidence L	evel: Low		Origina	I Project Cost:	5,642,422	Objective:	Efficiency	У
Project Description The project continues pedestrian and b neighborhood streets, neighborhood sa program is a combination of general tra	fety improvemen	nts, sidewalk and	bicycle network in	ill, and safety im	provements on	the pedestrian an	d bicycle networ	k. The fun	
Total Requirements	0	1,618,248	5,090,000	400,000	0 493,1	89 1,168,6	1,168	,672	8,320,53

0

0

0

0

0

Capital Program	Prior	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-2	.0	
Project	Years	Revised	Adopted	Estimated	Estimated	Estimated	Estimate	d	5-Year
	Capital	Budget	Budget	Budget	Budget	Budget	Budget		Total
afety									
Burgard Rd @ Time Oil (T00386)				Total Pr	oject Cost:	2,635,000	Area:	Citywid	le
	Confidence L	evel: Low		Original	Project Cost:	2,635,000	Objective:	Expans	sion
Project Description									
This is a priority project in the Freigh in north Portland. This phase of the partravel delays and vehicular conflicts include two 12-foot travel lanes, one Container Services site. This project	project will focus im between trucks and 14-foot left turn lan	provements along autos, and impro with two left turn	g the Time Oil/Burg ove ingress/egress n pockets on to ac	gard intersection to the NW Cont commodate truc	to improve sigh ainer Service pr k turning moven	t distance and m operty. This proje	ainline system pect will widen the	erforman existing	nce, reduce roadway and
Total Requirements	6,996	363,774	2,093,003	()	0	0	0	2,093,00
Operating and Maintenance Costs	:		0	C)	0	0	0	
Central City Multi-Modal Safety Pr	roinete (T00414)			Total Dr	oject Cost:	0 100 750	Area:	Central	I City
Central City Multi-Modal Salety Fi	Confidence L	evel: Low			Project Cost:	6,129,750 6.618.001	Objective:		•
Drainet Deceriation		- 			.,,	, ,	,	51011	- ,
Project Description This project will identify and implement	ent specific projects	in downtown to ir	nprove bicycle and	l pedestrian safe	ety and encourag	ge greater use of	active transporta	ation in th	ne downtown
core. The project is funded through F	Regional Flexible Fu	ınds.		•			· 		
Total Requirements	0	441,914	1,376,586	4,446,677	7	0	0	0	5,823,26
Operating and Maintenance Costs	;		0	C)	0	0	0	
NEW - Rapid Flash Beacon Project	` ,				oject Cost:	1,750,000			
NEW - Rapid Flash Beacon Project	cts (T00419) Confidence L	evel: Low			oject Cost: Project Cost:		Area: Objective:		
Project Description	Confidence L		cons at 17 location	Original	Project Cost:	1,750,000	Objective:	Efficien	псу
	Confidence L	th rapid flash bea		Original ns in east Portlar	Project Cost:	1,750,000	Objective:	Efficien	псу
Project Description This project is construction new pede	Confidence L	th rapid flash bea		Original ns in east Portlar	Project Cost: nd. The first five or this project.	1,750,000	Objective:	Efficien	•
Project Description This project is construction new ped remaining will be completed in the specific project.	Confidence Lostrian crossings with pring and summer confidence to the confidence of	th rapid flash bea f 2015. A grant fr	om the State of Or	Original ns in east Portlar egon is paying for	Project Cost: and. The first five or this project.	1,750,000	Objective:	Efficien	ncy year, the
Project Description This project is construction new ped remaining will be completed in the spontal Requirements Operating and Maintenance Costs	Confidence Lostrian crossings wipring and summer confidence Confid	th rapid flash bea f 2015. A grant fr 0	om the State of Or 380,824	Original as in east Portlar egon is paying f	Project Cost: and. The first five or this project.	1,750,000 were completed 0 0	Objective: If before the 2014	school y	ncy year, the
Project Description This project is construction new pedremaining will be completed in the specific or the sp	Confidence Lostrian crossings wipring and summer confidence Confid	th rapid flash bea f 2015. A grant fr 0	om the State of Or 380,824	Original as in east Portlar egon is paying for () () Total Pr	Project Cost: and. The first five or this project.	1,750,000 were completed 0 0 557,250	Objective: If before the 2014	school y 0 0 North	year, the
Project Description This project is construction new pederemaining will be completed in the symmetry Total Requirements Operating and Maintenance Costs NEW - N. Going to the Island Freign	estrian crossings wi pring and summer co	th rapid flash bea f 2015. A grant fr 0	om the State of Or 380,824	Original as in east Portlar egon is paying for () () Total Pr	Project Cost: and. The first five or this project.	1,750,000 were completed 0 0 557,250	Objective: I before the 2014 0 0 Area:	school y 0 0 North	year, the
Project Description This project is construction new ped remaining will be completed in the spontal Requirements Operating and Maintenance Costs	estrian crossings wi pring and summer of 0 ght Improvemer Confidence L	th rapid flash bea f 2015. A grant fr 0 tts (T00452) evel: Low	om the State of Or 380,824 0	Original as in east Portlar egon is paying for Control Total Pr Original	Project Cost: and. The first five or this project. oject Cost: Project Cost:	1,750,000 were completed 0 0 557,250 ork, new traffic or	Objective: d before the 2014 0 0 Area: Objective:	school y 0 0 North Efficien	year, the 380,82
Project Description This project is construction new pederemaining will be completed in the symmetry of the s	estrian crossings wi pring and summer of 0 ght Improvemer Confidence L	th rapid flash bea f 2015. A grant fr 0 tts (T00452) evel: Low	om the State of Or 380,824 0 Services (ITS) infra ovide for support of	Original as in east Portlar egon is paying for Total Pr Original astructure (comm of advanced confi	nd. The first five or this project. oject Cost: Project Cost: Project Cost: nunication netword strategies su	1,750,000 were completed 0 0 557,250 ork, new traffic or	Objective: d before the 2014 0 0 Area: Objective:	school y 0 0 North Efficien	year, the 380,824
Project Description This project is construction new pederemaining will be completed in the symmetry Total Requirements Operating and Maintenance Costs NEW - N. Going to the Island Freighten Project Description The proposed project will construct a monitoring devices, and vehicle/pedi	estrian crossings wi pring and summer continued to the continued of the co	th rapid flash bea f 2015. A grant fr 0 ets (T00452) evel: Low	om the State of Or 380,824 0 Services (ITS) infra ovide for support o	Original as in east Portlar egon is paying for Control Total Pr Original	project Cost: ad. The first five or this project. oject Cost: Project Cost: ununication network trol strategies su	1,750,000 were completed 0 0 557,250 ork, new traffic corch as transit sign	Objective: d before the 2014 0 0 Area: Objective: controllers, CCTV nal priority and fr	school y 0 0 North Efficient	year, the 380,824
Project Description This project is construction new pederemaining will be completed in the symmetry Total Requirements Operating and Maintenance Costs NEW - N. Going to the Island Freig Project Description The proposed project will construct a monitoring devices, and vehicle/pedefunded by a federal grant Total Requirements Operating and Maintenance Costs	confidence Liestrian crossings wipring and summer confidence Liestrian detectors).	th rapid flash bea f 2015. A grant fr 0 hts (T00452) evel: Low ture Technology The project will pr	om the State of Or 380,824 0 Services (ITS) infravoide for support of	Original as in east Portlar egon is paying for Total Pr Original astructure (comm of advanced context	project Cost: ad. The first five or this project. oject Cost: Project Cost: ununication netword strategies such a st	1,750,000 were completed 0 0 557,250 ork, new traffic couch as transit sign 0 0	Objective: d before the 2014 0 0 Area: Objective: controllers, CCTV nal priority and fr	school y 0 0 North Efficien cameraseight. Th 0 0	year, the 380,82- acy s, travel time his project is
Project Description This project is construction new pederemaining will be completed in the symmetry Total Requirements Operating and Maintenance Costs NEW - N. Going to the Island Freig Project Description The proposed project will construct a monitoring devices, and vehicle/pedefunded by a federal grant Total Requirements	confidence L estrian crossings wi pring and summer c ght Improvemer Confidence L and install Infrastruc estrian detectors).	th rapid flash bea f 2015. A grant fr 0 outs (T00452) evel: Low ture Technology The project will property of the project of	om the State of Or 380,824 0 Services (ITS) infravoide for support of	Original as in east Portlar egon is paying for Total Pr Original astructure (comm of advanced conf	project Cost: and. The first five for this project. oject Cost: Project Cost: nunication netword strategies such in the project Cost: oject Cost: nunication netword strategies such in the project Cost:	1,750,000 were completed 0 0 557,250 ork, new traffic cortich as transit sign 0 0 303,132	Objective: I before the 2014 0 0 Area: Objective: Ontrollers, CCTV nal priority and fr	school y 0 0 North Efficien cameraseight. Th 0 0	year, the 380,82 acy s, travel time nis project is 557,25
Project Description This project is construction new pederemaining will be completed in the symmetry Total Requirements Operating and Maintenance Costs NEW - N. Going to the Island Freig Project Description The proposed project will construct a monitoring devices, and vehicle/pedefunded by a federal grant Total Requirements Operating and Maintenance Costs NEW - Southwest Portland in Motal	confidence Liestrian crossings wipring and summer confidence Liestrian detectors).	th rapid flash bea f 2015. A grant fr 0 outs (T00452) evel: Low ture Technology The project will property of the project of	om the State of Or 380,824 0 Services (ITS) infravoide for support of	Original as in east Portlar egon is paying for Total Pr Original astructure (comm of advanced conf	project Cost: ad. The first five or this project. oject Cost: Project Cost: ununication netword strategies such a st	1,750,000 were completed 0 0 557,250 ork, new traffic cortich as transit sign 0 0 303,132	Objective: d before the 2014 0 0 Area: Objective: controllers, CCTV nal priority and fr	school y 0 0 North Efficien cameraseight. Th 0 0	year, the 380,82 acy s, travel time nis project is 557,25
Project Description This project is construction new pederemaining will be completed in the symmetry Total Requirements Operating and Maintenance Costs NEW - N. Going to the Island Freig Project Description The proposed project will construct a monitoring devices, and vehicle/pedefunded by a federal grant Total Requirements Operating and Maintenance Costs	confidence Liestrian crossings wipring and summer of the confidence Liestrian detectors).	th rapid flash bea f 2015. A grant fr 0 outs (T00452) evel: Low ture Technology The project will property of the project will prove the project will be proved the project will be proved the project will be proved the project will be provided the project will be proved	Services (ITS) infraovide for support of	Original as in east Portlar egon is paying from Total Pr Original astructure (common advanced control 445,800 Total Pr Original	project Cost: Ind. The first five or this project.	1,750,000 e were completed 0 0 557,250 ork, new traffic couch as transit sign 0 0 303,132	Objective: d before the 2014 0 0 Area: Objective: ontrollers, CCTV nal priority and fr 0 Area: Objective:	school y 0 0 North Efficien cameraseight. Th 0 Southw Efficien	year, the 380,82- acy s, travel time his project is 557,250 vest
Project Description This project is construction new pederemaining will be completed in the symmetry Total Requirements Operating and Maintenance Costs NEW - N. Going to the Island Freig Project Description The proposed project will construct a monitoring devices, and vehicle/pedefunded by a federal grant Total Requirements Operating and Maintenance Costs NEW - Southwest Portland in Motal Project Description This project will evaluate active trans	confidence Liestrian crossings wipring and summer of the confidence Liestrian detectors).	th rapid flash bea f 2015. A grant fr 0 outs (T00452) evel: Low ture Technology The project will property of the project will prove the project will be proved the project will be proved the project will be proved the project will be provided the project will be proved	om the State of Or 380,824 0 Services (ITS) infra ovide for support of 111,450 0 propose a prioritiz	Original as in east Portlar egon is paying from Total Pr Original astructure (common advanced control 445,800 Total Pr Original	project Cost: nd. The first five or this project. oject Cost: Project Cost: ununication netword strategies successed by the cost: Project Cost: project Cost: project Cost: project Cost:	1,750,000 e were completed 0 0 557,250 ork, new traffic couch as transit sign 0 0 303,132	Objective: d before the 2014 0 0 Area: Objective: ontrollers, CCTV nal priority and fr 0 Area: Objective:	school y 0 0 North Efficien cameraseight. Th 0 Southw Efficien	year, the 380,824 acy s, travel time his project is 557,250 vest

Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget	FY 2019-2 Estimate Budget	d	5-Year Total
Safety							_		
NEW - East Portland Access to Emp	Confidence L	•			oject Cost: Project Cost: 5	5,870,072 5,870,072	Area: Objective:		cv
Project Description This project will provide bicycle and pec sidewalk infill improvements. The proje							e 150s Neighbo	rhood Gre	eenway and
2017.				,					
Total Requirements	0	C	692,000	2,229,000	2,949,072	2	0	0	5,870,072
Operating and Maintenance Costs			0	0	()	0	0	
NEW - Halsey/Weidler: 103rd - 113th	, NE (T00456)			Total Pro	ject Cost:	470,900	Area:	Northea	st
	Confidence L	evel: Low		Original	Project Cost: 4	70,900	Objective:	Efficienc	су
Project Description The project will improve selected inters will begin construction in late 2015.	ections in the co	rridor with curb e	xtensions and othe	er enhancements.	The project is fu	unded by the Po	rtland Developm	ent Com	mission and
Total Requirements	0	C	330,900	0	()	0	0	330,900
Operating and Maintenance Costs			0	0	()	0	0	
Project Description This project will provide pedestrian safe in 2015, with construction in 2016.	Confidence L	evel: Low	ntersections in the	Original	oject Cost: Project Cost: 2 The project is fur		Objective:		су
Total Requirements	0		379,534	289,030	1,571,530)	0	0	2,240,094
Operating and Maintenance Costs			0	0	(0	0	_,_ : ,,
NEW - Columbia Blvd ITS, N/NE (T00	0459)			Total Pro	oject Cost:	390,059	Area:	Northea	st/Southeas
	Confidence L	evel: Low		Original	Project Cost: 3	390,059	Objective:	Efficiend	СУ
Project Description The proposed project will construct and integrate these devices with the City's, Management System (ATMS), and promonitor and control traffic. An exploration priority at traffic signals. It will also impressions.	ODOT's, and Tri- vides the minimu ion of emerging o	-Met's Transporta m project eleme data from the priv	ation Operations C nts that will yield si vate sector will be o	enters. This proje gnificant benefits considered to dete	ct is part of the la in the corridor. T ermine whether th	arger City and R he proposed pro	egional Advance oject will improve	ed Traffic the City'	s ability to
Total Requirements	0	C	390,059	0	()	0	0	390,059
Operating and Maintenance Costs			0	0	()	0	0	
NEW - Connect Cully, NE (T00460)	Confidence L	evel: Low			oject Cost: Project Cost: 3	3,337,372 3,337,372	Area: Objective:	Northea Efficience	
Project Description									
This project will provide sidewalk impro	vamente on hika	way improvemen	nts along NE Killing	seworth St and NE	72nd Ave. in the	e Cully neighbor	hood. The proje	ect is fund	ded by
Transportation Enhance funds and will							· ,		
			uction scheduled for		(0	0	3,337,372

Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget			5-Year Total
afety									
NEW - Barbur Corridor Safety & Acc	ess to Transi	t (T00462)		Total Pr	oject Cost:	91,197	Area:	Southwe	est
	Confidence L	evel: Low		Original	Project Cost:	91,197	Objective:	Efficienc	у
Project Description									
The project would improve safety, accesignal priority and transit operations imp									
Total Requirements	0	(91,197	()	0	0	0	91,19
Operating and Maintenance Costs			0	()	0	0	0	
NEW - Hwy Safety Improvement Pro	gram & Safet	y Operations	(T00463)	Total Pr	oject Cost:	5,201,372	Area:	Citywide	
	Confidence L			Original	Project Cost:	5,201,372	Objective:	Efficienc	y .
Project Description									
The program goal for Highway Safety In features such as signals, crosswalks, a Adopted Budget amount directly paid b	nd pedestrian be	eacons. This is a							
Total Requirements	0	(4,891,192	()	0	0	0	4,891,192
Total Requirements Operating and Maintenance Costs	0	(0 4,891,192 0	(0	0	0	4,891,19
•	0	(,,						4,891,19
Operating and Maintenance Costs	0	(,,	(0		
Operating and Maintenance Costs	0 Confidence L		,,	Total Pr)	3,747,257	0	0 Southwe	est
Operating and Maintenance Costs	Confidence L es to control flow val will be total s	evel: Low and pollutants flus	owing into Fanno C and phosphorous.	Total Pr Original reek from the 2.0 This project will	oject Cost: Project Cost: 6 mile section of significantly add	3,747,257 1,040,000 Beaverton-Hillsdress the City's re	Objective:	Southwee Replace	est ment
Operating and Maintenance Costs Gurface Water Management FT: Fanno BvrtnHills Hwy (E08675) Project Description Construct stormwater treatment facilitie 65th Ave. Pollutants targeted for remo	Confidence L es to control flow val will be total s	evel: Low and pollutants flus	owing into Fanno C and phosphorous. d proceeds repaid b	Total Pr Original reek from the 2.0 This project will	oject Cost: Project Cost: 6 mile section of significantly addrawd stormwater	3,747,257 1,040,000 Beaverton-Hillsordress the City's reprinted.	Area: Objective: dale Hwy between	Southwe Replace	est ment
Operating and Maintenance Costs Surface Water Management FT: Fanno BvrtnHills Hwy (E08675) Project Description Construct stormwater treatment facilitie 65th Ave. Pollutants targeted for remorand benefit native cutthroat trout found	Confidence L es to control flow val will be total s in Fanno Creek.	evel: Low and pollutants fle uspended solids Funded by bone	owing into Fanno C and phosphorous. d proceeds repaid b	Total Pr Original reek from the 2.6 This project will by sanitary sewer	oject Cost: Project Cost: 6 mile section of significantly address and stormwate	3,747,257 1,040,000 Beaverton-Hillsordress the City's rear rates.	Area: Objective: dale Hwy betweel egulatory obligation	Southwe Replace	est ment sset and he TMDL
Operating and Maintenance Costs Gurface Water Management FT: Fanno BvrtnHills Hwy (E08675) Project Description Construct stormwater treatment facilitie 65th Ave. Pollutants targeted for remo and benefit native cutthroat trout found Total Requirements	Confidence L es to control flow val will be total s in Fanno Creek. 268,257	evel: Low and pollutants fle uspended solids Funded by bone	owing into Fanno C and phosphorous. d proceeds repaid to 0 479,000	Total Pr Original reek from the 2.0 This project will by sanitary sewer 500,000	oject Cost: Project Cost: 6 mile section of significantly address and stormwate	3,747,257 1,040,000 Beaverton-Hillsordress the City's rear rates.	Area: Objective: dale Hwy betweel egulatory obligation 1,000 000 3	Southwee Replace	est ment iset and he TMDL 3,479,000
Operating and Maintenance Costs Gurface Water Management FT: Fanno BvrtnHills Hwy (E08675) Project Description Construct stormwater treatment facilitie 65th Ave. Pollutants targeted for remorand benefit native cutthroat trout found Total Requirements Operating and Maintenance Costs	Confidence L es to control flow val will be total s in Fanno Creek. 268,257	evel: Low and pollutants fle uspended solids Funded by bone 161,000	owing into Fanno C and phosphorous. d proceeds repaid to 0 479,000	Total Pr Original reek from the 2.6 This project will by sanitary sewer 500,000	oject Cost: Project Cost: 6 mile section of significantly addrand stormwate 5 500,0	3,747,257 1,040,000 Beaverton-Hillsof dress the City's reservates. 00 1,000,0 0 3,0	Area: Objective: dale Hwy betweel egulatory obligation 1,000 000 3	Southwee Replace SW Sur on under to 0000 Citywide	est ment aset and he TMDL 3,479,000
Operating and Maintenance Costs Gurface Water Management FT: Fanno BvrtnHills Hwy (E08675) Project Description Construct stormwater treatment facilitie 65th Ave. Pollutants targeted for remorand benefit native cutthroat trout found Total Requirements Operating and Maintenance Costs Culvert Replacement Phase 2 (E103 Project Description Replace the two remaining culverts in Costs	Confidence L es to control flow val will be total s in Fanno Creek. 268,257 72) Confidence L Crystal Springs C	evel: Low and pollutants fluspended solids Funded by bone 161,000 evel: Low	owing into Fanno C and phosphorous. d proceeds repaid to 0 479,000 0	Total Pr Original reek from the 2.6 This project will by sanitary sewer 500,000	oject Cost: Project Cost: Simile section of significantly addrand stormwater 500,0 oject Cost: Project Cost:	3,747,257 1,040,000 Beaverton-Hillsodress the City's retrates. 00 1,000,0 0 3,0 4,430,000 3,800,000	Area: Objective: dale Hwy between egulatory obligation of the control of the cont	Southwee Replace in SW Surph under to 000 000 Citywide Replace	est ment aset and he TMDL 3,479,00
Operating and Maintenance Costs Gurface Water Management FT: Fanno BvrtnHills Hwy (E08675) Project Description Construct stormwater treatment facilitie 65th Ave. Pollutants targeted for remorand benefit native cutthroat trout found Total Requirements Operating and Maintenance Costs Culvert Replacement Phase 2 (E103) Project Description	Confidence L es to control flow val will be total s in Fanno Creek. 268,257 72) Confidence L Crystal Springs C	evel: Low and pollutants fluspended solids Funded by bone 161,000 evel: Low	owing into Fanno C and phosphorous. d proceeds repaid to 0 479,000 0	Total Pr Original reek from the 2.6 This project will by sanitary sewer 500,000	oject Cost: Project Cost: 6 mile section of significantly address and stormwate 500,0	3,747,257 1,040,000 Beaverton-Hillsodress the City's retrates. 00 1,000,0 0 3,0 4,430,000 3,800,000	Area: Objective: dale Hwy between egulatory obligation of the control of the cont	Southwee Replace in SW Surph under to 000 000 Citywide Replace	est ment aset and he TMDL 3,479,00

Portland Fire & Rescue

Capital Improvement Plan Summaries

Capital Program	Prior	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	
Project	Years	Revised	Adopted	Estimated	Estimated	Estimated	Estimated	5-Year
	Capital	Budget	Budget	Budget	Budget	Budget	Budget	Total

Acquisitions

Apparatus Replacement (R00002) Total Project Cost: 21,020,000 Area: Citywide

Confidence Level: High Original Project Cost: 19,800,000 Objective: Replacement

Project Description

This project provides for the replacement of Portland Fire & Rescue's emergency response apparatus. In November 2010, the citizens of Portland approved a general obligation bond in the amount of \$72.4 million, of which \$19.8 million is dedicated to fire apparatus replacement. The bond proceeds will fund the replacement of fire apparatus through FY 2015-16. Frontline fire engines and trucks are replaced after 15 years, or 120,000 miles, and then are kept in reserve status for an additional five years. The FY 2015-16 budget will be used to order two brush units and complete the payments for three ladder trucks, two air light rehab units and nine engines. Funding sources include \$19.8 in bond proceeds and \$1.22 million in federal grants.

Total Requirements	1,359,000	13,309,878	8,384,405	0	0	0	0	8,384,405
Operating and Maintenance Costs			0	0	0	0	0	

Citywide Projects

Radio System Replacement (S00008) Total Project Cost: 45,269,510 Area: Citywide

Confidence Level: Optimal Original Project Cost: 45,197,000 Objective: Replacement

Project Description

This project covers the study, development and eventual replacement of the 800 MHz Radio System, and assumes no inclusion of Regional and/or State participation. A sustainment plan is under development, net operations and maintenance costs will be determined as part of this process. Sources of funding for this project include the General Fund and funds from the Public Safety GO Bond sales.

Total Requirements	17,804,257	17,950,282	5,404,498	9,251,393	0	0	0	14,655,891
Operating and Maintenance Costs			0	0	0	0	0	

Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget	FY 2019-2 Estimated Budget	d 5-	-Year Total
Acquisitions									
Non Central City Park Acquistions F	•	003) evel: Moderate			oject Cost: Project Cost:	Ongoing	Area: Objective:	Citywide	.,
Project Description SDC funded park acquistion program i			d by System Deve		•	ngomg	Objective.	arto. Nev	v
Total Requirements	0	2,937,572	500,000	500,000	500,000	500,000	500.	.000	2,500,000
Operating and Maintenance Costs	·	2,007,072	595	612				668	_,000,00
Central City Park Acquisition (P1000	05)			Total Pro	oject Cost:	Ongoing	Area:	Citywide	
	Confidence Le	evel: Moderate		Original	Project Cost: C	ngoing	Objective:	GRO: Nev	v
Project Description SDC funded park acquisition program	in the Central City	area. Funded by	System Developn	nent Charges.					
Total Requirements	0	0	500,000	1,500,000	1,500,000	1,500,000	1,500	,000	6,500,000
Operating and Maintenance Costs			716	738	761	783		806	
Capital Equipment Reserve (P00094		evel: Optimal			oject Cost:	Ongoing		Citywide Maintenan	nce-Prese
Project Description Funds for replacement of specialized p	Confidence Lo	nd machinery. Fun	-	Original location from the	Project Cost: C	Ingoing Recreation opera	Objective:	Maintenan	
Capital Equipment Reserve (P00094 Project Description	Confidence Le	·	nded through an al 450,492 0	Original	Project Cost: C	Recreation opera	Objective:	•	
Project Description Funds for replacement of specialized p Total Requirements Operating and Maintenance Costs	Confidence Lo park equipment ar 129,250	d machinery. Fun 351,492	450,492	Original location from the 99,000	Project Cost: C	Recreation opera	Objective:	Maintenan	
Project Description Funds for replacement of specialized p	Confidence Lo park equipment ar 129,250	d machinery. Fun 351,492	450,492	Original location from the 99,000 0 Total Pro	Project Cost: C	Recreation opera 99,000 0 297,000	Objective:	Maintenan ,000 0	846,492
Project Description Funds for replacement of specialized p Total Requirements Operating and Maintenance Costs	confidence Lovark equipment are 129,250 serve (P00426) Confidence Lovark	351,492	450,492 0	Original location from the 99,000 0 Total Pro Original	Project Cost: C Portland Parks 8 99,000 Dject Cost: Project Cost: 2	99,000 297,000	Objective: 99 Area: Objective:	Maintenan ,000 0	846,492
Project Description Funds for replacement of specialized p Total Requirements Operating and Maintenance Costs Computer Hardware Equipment Reserve	confidence Lovark equipment are 129,250 serve (P00426) Confidence Lovark	351,492	450,492 0	Original location from the 99,000 0 Total Pro Original	Project Cost: C 99,000 0 pject Cost: Project Cost: 2 arks & Recreation	Pingoing Recreation opera 99,000 0 297,000 97,000 operating budget.	Objective: 99 Area: Objective:	Maintenan ,000 0	846,492
Project Description Funds for replacement of specialized p Total Requirements Operating and Maintenance Costs Computer Hardware Equipment Reserve for purchase of information te	confidence Lovark equipment ar 129,250 serve (P00426) Confidence Lovark equipment ar 129,250	351,492 Jevel: High	450,492 0	Original location from the 99,000 0 Total Pro Original	Project Cost: C Portland Parks 8 99,000 Dject Cost: Project Cost: 2 arks & Recreation	Pingoing Recreation opera 99,000 0 297,000 97,000 operating budget.	Objective: 99 Area: Objective:	Maintenan 0000 0 Citywide Maintenan	846,492
Project Description Funds for replacement of specialized project Description Total Requirements Operating and Maintenance Costs Computer Hardware Equipment Reserve for purchase of information terms.	confidence Lovark equipment ar 129,250 serve (P00426) Confidence Lovark equipment ar 129,250	351,492 Jevel: High	450,492 0 or year allocations 297,000	Original Ocation from the 99,000 0 Total Pro Original from Portland Pa	Project Cost: C Portland Parks 8 99,000 Dject Cost: Project Cost: 2 arks & Recreation	Pingoing Recreation opera 99,000 0 297,000 97,000 operating budget.	Objective: ting budget. 99. Area: Objective:	Maintenan 0000 0 Citywide Maintenan	846,49: nce-Prese 297,000
Project Description Funds for replacement of specialized p Total Requirements Operating and Maintenance Costs Computer Hardware Equipment Reserve for purchase of information te Total Requirements Operating and Maintenance Costs	confidence Lovark equipment are 129,250 serve (P00426) Confidence Lovardence	351,492 Jevel: High	450,492 0 or year allocations 297,000	Original Ocation from the 99,000 Total Pro Original from Portland Pa 0 0	Project Cost: C 99,000 0 pject Cost: Project Cost: 2 arks & Recreation	Pingoing Recreation opera 99,000 0 297,000 97,000 operating budget. 0 0 701,020	Objective: ting budget. 99. Area: Objective:	Maintenan 0000 Citywide Maintenan 0 0	846,492 ace-Prese 297,000
Project Description Funds for replacement of specialized p Total Requirements Operating and Maintenance Costs Computer Hardware Equipment Reserve for purchase of information te Total Requirements Operating and Maintenance Costs	Confidence Lo park equipment ar 129,250 Serve (P00426) Confidence Lo chnology hardwar 0 Confidence Lo ation will be done	351,492 351,492 evel: High 297,000 evel: Moderate in five phases. Th	450,492 0 or year allocations 297,000 0	Original location from the 99,000 0 Total Pro Original from Portland Pa 0 0 Total Pro Original	Project Cost: C Portland Parks 8 99,000 C Dject Cost: Project Cost: 2 arks & Recreation C Dject Cost: Project Cost: 3	99,000 99,000 0 297,000 97,000 operating budget. 0 0 701,020 0,000,000	Objective: 4rea: Objective:	Maintenan 0000 Citywide Maintenan 0 0 Southeast Replacem	846,492 nce-Preser 297,000
Project Description Funds for replacement of specialized protection Total Requirements Operating and Maintenance Costs Computer Hardware Equipment Reserve for purchase of information te Total Requirements Operating and Maintenance Costs Mt Tabor Facility (P00480) Project Description Mt Tabor Maintenance Facilities renove	Confidence Lo park equipment ar 129,250 Serve (P00426) Confidence Lo chnology hardwar 0 Confidence Lo ation will be done	351,492 351,492 evel: High 297,000 evel: Moderate in five phases. Th	450,492 0 or year allocations 297,000 0	Original location from the 99,000 0 Total Pro Original from Portland Pa 0 0 Total Pro Original	Project Cost: O Portland Parks 8 99,000 Dject Cost: Project Cost: 2 arks & Recreation Dject Cost: Project Cost: 3 nses. Construction pher 2014. See p	engoing Recreation opera 99,000 0 297,000 97,000 operating budget. 0 701,020 0,000,000 n costs are funded roject P30075.	Objective: 99 Area: Objective:	Maintenan 0000 Citywide Maintenan 0 0 Southeast Replacem	846,492 nce-Preser 297,000

Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget	E	Y 2019-20 stimated Budget		5-Year Total
uildings & Pools										
Forestry HQ Replacement (P00487)	Confidence Le	evel: High			oject Cost: Project Cost:	383,297 7,356,000	Obj	Area:		ement
Project Description Phase one of project to replace the Formatic facility. Funded in part by General Fundamental										
Total Requirements	0	383,297	100,000	C)	0	0		0	100,00
Operating and Maintenance Costs			0	C)	0	0		0	
Major Maintenance (P20072)				Total Pr	oject Cost:	Ongoing		Area:	Citywid	e
	Confidence Le	evel: High		Original	Project Cost:	Ongoing	Obj	ective:	Mainter	nance-Prese
Project Description										
The funding addresses capital mainten allocation for ADA maintenance projec						held for emerge	ency proje	ects in FY	′ 2015-1	6 and an
Total Requirements	1,077,780	227,879	1,122,676	579,450	450,5	47 1,230,	908	496,	791	3,880,37
Operating and Maintenance Costs			0	C)	0	0		0	
East Portland Community Center Ro	oof (P20419)			Total Pr	oiect Cost:	700 831		Area:	East	
East Portland Community Center Ro	oof (P20419) Confidence Le	evel: High			oject Cost: Project Cost:	700,831 250,000	Obj	Area:		nance & Rep
Project Description Major roof repair at the East Portland C	Confidence Le	-	th the bureau's Ge	Original	Project Cost:	250,000	Obj			nance & Rep
Project Description	Confidence Le	-	th the bureau's Go 249,831	Original	Project Cost:	250,000	Ob j			
Project Description Major roof repair at the East Portland C	Confidence Le	Pool. Funded wi		Original eneral Fund majo	Project Cost:	250,000 allocation.			Mainter	
Project Description Major roof repair at the East Portland C Total Requirements	Confidence Le Community Center 79,212	Pool. Funded wi	249,831	Original eneral Fund majo	Project Cost:	250,000 allocation.	0		Mainter 0 0	
Project Description Major roof repair at the East Portland C Total Requirements Operating and Maintenance Costs	Confidence Le Community Center 79,212	Pool. Funded wi	249,831	Original eneral Fund majo 0 0 Total Pr	Project Cost:	250,000 allocation. 0 0 802,000	0 0	Area:	0 0 North	249,83
Project Description Major roof repair at the East Portland C Total Requirements Operating and Maintenance Costs	Confidence Le Community Center 79,212 Roof (P20420) Confidence Le	621,600	249,831 0	Original eneral Fund majo C Total Pr Original	Project Cost: or maintenance oject Cost: Project Cost:	250,000 allocation. 0 0 802,000 100,000	0 0	Area:	0 0 North	249,83
Project Description Major roof repair at the East Portland C Total Requirements Operating and Maintenance Costs Charles Jordan Community Center Project Description	Confidence Le Community Center 79,212 Roof (P20420) Confidence Le	621,600	249,831 0	Original eneral Fund majo C Total Pr Original	Project Cost: or maintenance oject Cost: Project Cost:	250,000 allocation. 0 0 802,000 100,000	0 0	Area:	0 0 North	249,83 nance & Rep
Project Description Major roof repair at the East Portland C Total Requirements Operating and Maintenance Costs Charles Jordan Community Center Project Description Major roof repairs at Charles Jordan Community Center	Confidence Le Community Center 79,212 Roof (P20420) Confidence Le community Center.	Pool. Funded wi 621,600 evel: High	249,831 0 eral Fund Major Ma	Original eneral Fund majo C Total Pr Original	Project Cost: or maintenance oject Cost: Project Cost: ation and Portla	250,000 allocation. 0 0 802,000 100,000 nd Development	0 0 Obj	Area:	0 0 North Mainter	249,83
Project Description Major roof repair at the East Portland Control Requirements Operating and Maintenance Costs Charles Jordan Community Center Project Description Major roof repairs at Charles Jordan Control Requirements	Confidence Le Community Center 79,212 Roof (P20420) Confidence Le community Center. 3,872	Pool. Funded wi 621,600 evel: High	249,831 0 eral Fund Major Ma 603,000	Original eneral Fund majo C Total Pr Original aintenance Alloc.	Project Cost: or maintenance oject Cost: Project Cost: ation and Portla	250,000 allocation. 0 0 802,000 100,000 nd Development 0	0 0 Obj	Area:	0 0 North Mainter	249,83 nance & Rep 603,00
Project Description Major roof repair at the East Portland Control Requirements Operating and Maintenance Costs Charles Jordan Community Center Project Description Major roof repairs at Charles Jordan Control Requirements Operating and Maintenance Costs	Confidence Le Community Center 79,212 Roof (P20420) Confidence Le community Center. 3,872	Pool. Funded wi 621,600 evel: High Funded by Gene 199,500	249,831 0 eral Fund Major Ma 603,000	Original eneral Fund majo Total Pro Total	Project Cost: or maintenance oject Cost: Project Cost: ation and Portla	250,000 allocation. 0 802,000 100,000 nd Development 0 0 1,526,023	O Obj	Area:	0 0 North Mainter 0 0 0	249,83 nance & Rep 603,00
Project Description Major roof repair at the East Portland C Total Requirements Operating and Maintenance Costs Charles Jordan Community Center Project Description Major roof repairs at Charles Jordan Community Center Total Requirements Operating and Maintenance Costs	Confidence Le Community Center 79,212 Roof (P20420) Confidence Le community Center. 3,872 em (P30050) Confidence Le community Center. Confidence Le community Center.	Pool. Funded wind 621,600 Pevel: High Funded by General 199,500 Pevel: High Pevel: High Perel: High	249,831 0 eral Fund Major Ma 603,000 0 ate to the 1920s a , motors, pipes, sl	Original eneral Fund majo Total Pr Original aintenance Alloca Total Pr Original	Project Cost: or maintenance oject Cost: Project Cost: ation and Portla oject Cost: Project Cost:	250,000 allocation. 0 0 802,000 100,000 nd Development 0 1,526,023 1,526,023 ent. The FY 201 llers, sanitation s	0 0 Obj	Area: jective: Area: jective: poted Buc	0 0 North Mainter 0 0 Northea Replace	249,83 nance & Rep 603,00 ast ement
Project Description Major roof repair at the East Portland C Total Requirements Operating and Maintenance Costs Charles Jordan Community Center Project Description Major roof repairs at Charles Jordan Community Total Requirements Operating and Maintenance Costs NEW - Grant Pool Mechanical Systems Overhaul of the pool's mechanical systems Overhaul of the pool's mechanical systems	Confidence Le Community Center 79,212 Roof (P20420) Confidence Le community Center. 3,872 em (P30050) Confidence Le community Center. Confidence Le community Center.	Pool. Funded wind 621,600 Pevel: High Funded by General 199,500 Pevel: High Pevel: High Perel: High	249,831 0 eral Fund Major Ma 603,000 0 ate to the 1920s a , motors, pipes, sl	Original eneral Fund majo Total Pr Original aintenance Alloca Total Pr Original	Project Cost: project Cost: Project Cost: ation and Portla piect Cost: Project Cost: Project Cost: Project Cost: Project Cost: Project Cost:	250,000 allocation. 0 0 802,000 100,000 nd Development 0 1,526,023 1,526,023 ent. The FY 201 llers, sanitation s	0 0 Obj	Area: jective: Area: jective: poted Buc	0 0 North Mainter 0 0 Northea Replace	249,83 nance & Rep 603,00

Capital Improvement Plan Summaries

		Capital Im	provement	Plan Sumn	naries				
Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget		FY 2019-2 Estimate Budget	ed	5-Year Total
Buildings & Pools									
NEW - Matt Dishman CC Pool Repla	ster (P30051)			Total P	roject Cost:	843,472	Area:	Northea	ıst
	Confidence L	evel: High		Origina	I Project Cost:	843,472	Objective:	Mainten	ance & Rep
Project Description									
Replace pool plaster and deteriorating subsurface of pool floor. The whirlpool systems including piping, filters, chemi	spa is leaking 1,	000 gallons of wa	ater a day. The ex	sisting spa needs	to be completely	y rebuilt, including	concrete founda	ation, and	
Total Requirements	0	(400,649	9 442,82	3	0	0	0	843,47
Operating and Maintenance Costs			(0	0	0	0	0	
NEW - Peninsula Pool Mechanical S	System (P3005	52)		Total P	roject Cost:	111,342	Area:	Northea	ıst
	Confidence L	evel: High		Origina	I Project Cost:	111,342	Objective:	Replace	ement
Project Description									
This project will replace all mechanical UV system to reduce chlorine use) and pump. Replace existing ladders, guard	I sand filters, and	replace DDC H	VAC Management	t System. Addition	nally, this projec	t will rebuild gutter	, add a surge ta		
Total Requirements	0	() 111,342	2	0	0	0	0	111,34
Operating and Maintenance Costs			(0	0	0	0	0	
NEW - Mt Tabor Yard Maintenance F	Facility (P3007	7 5)		Total P	roject Cost:	7,490,145	Area:	Southea	ast
	Confidence L	evel: High		Origina	I Project Cost:	7,490,145	Objective:	Replace	ement
Project Description									
Construct new shop space on east side buildings; build a new 21,600 square fe water and lighting that service the new programs during construction, and provide a new fire hydrant and electric	eet shop and office building. Abate a vide building shel	ce facility for the cany hazardous m Il retrofits for relo	electric, paint, wel aterials encounter cated programs. F	lding, fencing, fac red during demoli Review and solve	ilities maintenar tion and constru main water line	nce and carpentry uction. Provide tem supply problem if	shops. Provide suporary quarters	storm-wat for impac	ter, sanitary cted
Total Requirements	0	7,500	2,371,879	9 998,68	6 4,119,5	580	0	0	7,490,14
Operating and Maintenance Costs			(0	0	0	0	0	
NEW - Urban Forestry Maintenance	Facility (P300	076)		Total P	roject Cost:	2,379,800	Area:	North	
•	Confidence L	evel: High		Origina	Il Project Cost:	2,379,800	Objective:	Replace	ement
Project Description									
Construct a new covered and secure s consistent with the 2002 Master Plan ju storage area. Reconfigure yard to wor bonds, passed in November 2014.	ust south of the e	ntry road; the en	closed shop buildi	ing will be 2,500 \$	SF and will be lo	cated adjacent to	the south side of	of the equi	ipment
Total Requirements	0	(555,287	7 515,62	3 1,308,8	890	0	0	2,379,80
On another and Maintanan Co. 1				,		_			

Operating and Maintenance Costs

0

0

0

0

0

apital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget	FY 2019-2 Estimated Budget	d	5-Year Total
uildings & Pools									
NEW - Bloomington Park Restroom	(P30101)			Total Pro	oject Cost:	426,383	Area:	East	
	Confidence Lev	el: High		Original	Project Cost:	426,383	Objective:	Replace	ment
Project Description Renovate the existing restroom. Demo plumbing, drainage system and ADA-c between the playground and SE Steele bonds, passed in November 2014.	compliant fixtures; a	nd reconfigure r	oof drainage syst	em. Improve an	ount of natural	light to the interio	r if possible. Re	place stee	ep path
Total Requirements	0	5,000	170,553	149,234	106,59	96	0	0	426,38
Operating and Maintenance Costs			0	0		0	0	0	
NEW - Couch Park Loo (P30102)	O and the same of a same	ata tibah			oject Cost:	577,388		Northwe	st
	Confidence Lev	ei: mign		Original	Project Cost:	J11,388	Objective:	Growth	
Project Description Add a Portland Loo near the existing resewer systems to serve new Loo. Confor ADA path-of-travel corrections to N	rect ADA deficienci	es in the pavem	ent immediately s	urrounding the re	stroom building	and Loo. Refer			
Total Requirements	0	5,000	230,955	57,739	288,69	94	0	0	577,38
Operating and Maintenance Costs			0	0		0	0	0	
	(P30103) Confidence Lev	el: High			oject Cost: Project Cost:	717,468 717,468	Area: Objective:	Southea Growth	st
Project Description Add a Portland Loo. Work with stakehor to serve the new Loo. Funded by gene	Confidence Lev	the new locatio		Original	Project Cost:	717,468	Objective:	Growth	
Project Description Add a Portland Loo. Work with stakeho	Confidence Lev	the new locatio		Original	Project Cost:	717,468 Provide water, e	Objective:	Growth	er systems
Project Description Add a Portland Loo. Work with stakeho to serve the new Loo. Funded by gene	Confidence Lev	the new locatio , passed in Nov	vember 2014.	Original of the existing res	Project Cost: stroom building.	717,468 Provide water, 6	Objective:	Growth	er systems
Project Description Add a Portland Loo. Work with stakehr to serve the new Loo. Funded by gene Total Requirements Operating and Maintenance Costs	Confidence Lev olders to determine ral obligation bonds	the new locatio , passed in Nov	vember 2014.	Original of the existing res 286,987	Project Cost: stroom building.	717,468 Provide water, 6	Objective: electrical and sar	Growth hitary sewe	er systems
Project Description Add a Portland Loo. Work with stakeht to serve the new Loo. Funded by gene Total Requirements	Confidence Lev olders to determine ral obligation bonds	the new locatio , passed in Nov 0	vember 2014.	Original of the existing res 286,987 0 Total Pro	Project Cost: stroom building. 251,1 17,50	717,468 Provide water, 6 14 179,3 00 638,541	Objective: electrical and sar	Growth O Compared to the com	er systems
Project Description Add a Portland Loo. Work with stakehor to serve the new Loo. Funded by gene Total Requirements Operating and Maintenance Costs NEW - Ed Benedict Park Loo (P3010) Project Description Improve restroom options near the ska adding a Loo to another park that curre	Confidence Lev colders to determine ral obligation bonds 0 O4) Confidence Lev attepark facility. Worlently has none. Plur	the new locatio , passed in Nov 0 el: High w with stakehole hbing to the SE	vember 2014. 0 0 ers to determine 102nd Ave. restru	Original of the existing res 286,987 0 Total Pri Original the best solution,	Project Cost: 251,1 17,5 Dject Cost: Project Cost: whether it be a upsized to a lar	717,468 Provide water, 6 14 179,3 00 638,541 dding a new Loo, ger line size. If a i	Objective: electrical and sar 167 0 Area: Objective: upgrading existinew Loo is the p	Growth O Control of the control of	er systems 717,46
Project Description Add a Portland Loo. Work with stakehor to serve the new Loo. Funded by generating and Maintenance Costs NEW - Ed Benedict Park Loo (P3010) Project Description Improve restroom options near the skate adding a Loo to another park that current this project will need to provide water, where the stake the state of the stat	Confidence Lev olders to determine ral obligation bonds 0 Confidence Lev attepark facility. Worlently has none. Plur electrical and sanita	the new locatio , passed in Nov 0 el: High with stakehole hobing to the SE try sewer syster	ders to determine 102nd Ave. restro	Original of the existing res 286,987 0 Total Pro Original the best solution, bom needs to be ided by general or	Project Cost: stroom building. 251,1 17,50 pject Cost: Project Cost: whether it be a upsized to a lar bligation bonds	717,468 Provide water, e 14 179,3 00 638,541 638,541 dding a new Loo, ger line size. If a sign passed in Nover	Objective: electrical and sar 667 0 Area: Objective: upgrading existinew Loo is the puber 2014.	Growth O O East Growth ng restrocereferred o	er systems 717,46 oms, or option, then
Project Description Add a Portland Loo. Work with stakehor to serve the new Loo. Funded by gene Total Requirements Operating and Maintenance Costs NEW - Ed Benedict Park Loo (P3010) Project Description Improve restroom options near the ska adding a Loo to another park that curre	Confidence Lev colders to determine ral obligation bonds 0 O4) Confidence Lev attepark facility. Worlently has none. Plur	the new locatio , passed in Nov 0 el: High w with stakehole hbing to the SE	vember 2014. 0 0 ers to determine 102nd Ave. restru	Original of the existing res 286,987 0 Total Pri Original the best solution,	Project Cost: 251,1 17,56 Dject Cost: Project Cost: whether it be a upsized to a lar bligation bonds 255,4	717,468 Provide water, e 14 179,3 00 638,541 638,541 dding a new Loo, ger line size. If a sign passed in Nover	Objective: electrical and sar 167 0 Area: Objective: upgrading existinew Loo is the pmber 2014.	Growth O Control of the control of	er systems 717,46 oms, or option, then
Project Description Add a Portland Loo. Work with stakehor to serve the new Loo. Funded by gene Total Requirements Operating and Maintenance Costs NEW - Ed Benedict Park Loo (P3010) Project Description Improve restroom options near the ska adding a Loo to another park that curre this project will need to provide water, Total Requirements	Confidence Lev olders to determine ral obligation bonds 0 O4) Confidence Lev attepark facility. Worlently has none. Plurelectrical and sanita 0	the new locatio , passed in Nov 0 el: High with stakeholohing to the SE iry sewer syster	ders to determine 102nd Ave. restrins to serve it. Fur	Original of the existing res 286,987 0 Total Pro Original the best solution, bom needs to be ided by general of 31,927 0 Total Pro	Project Cost: stroom building. 251,1 17,50 pject Cost: Project Cost: whether it be a upsized to a lar bligation bonds 255,4 pject Cost:	717,468 Provide water, 6 14 179,3 00 638,541 638,541 dding a new Loo, ger line size. If a i, passed in Nover 16 351,1 0 17,5 395,678	Objective: electrical and sar a67 0 Area: Objective: upgrading existinew Loo is the pmber 2014. 98 a00 17 Area:	Growth O O East Growth oreferred o O 5500	oms, or ption, then
Project Description Add a Portland Loo. Work with stakeho to serve the new Loo. Funded by gene Total Requirements Operating and Maintenance Costs NEW - Ed Benedict Park Loo (P3010) Project Description Improve restroom options near the ska adding a Loo to another park that curre this project will need to provide water, Total Requirements Operating and Maintenance Costs	Confidence Level colders to determine ral obligation bonds 0 O4) Confidence Level colders facility. Workently has none. Plurelectrical and sanita	the new locatio , passed in Nov 0 el: High with stakeholohing to the SE iry sewer syster	ders to determine 102nd Ave. restrins to serve it. Fur	Original of the existing res 286,987 0 Total Pro Original the best solution, bom needs to be ided by general of 31,927 0 Total Pro	Project Cost: 251,1 17,56 Dject Cost: Project Cost: whether it be a upsized to a lar bligation bonds 255,4	717,468 Provide water, 6 14 179,3 00 638,541 638,541 dding a new Loo, ger line size. If a i, passed in Nover 16 351,1 0 17,5 395,678	Objective: electrical and sar 167 0 Area: Objective: upgrading existinew Loo is the pmber 2014. 98	Growth O O East Growth oreferred o O 5500	oms, or ption, then
Project Description Add a Portland Loo. Work with stakeho to serve the new Loo. Funded by gene Total Requirements Operating and Maintenance Costs NEW - Ed Benedict Park Loo (P3010) Project Description Improve restroom options near the ska adding a Loo to another park that curre this project will need to provide water, Total Requirements Operating and Maintenance Costs	Confidence Lev colders to determine ral obligation bonds 0 O4) Confidence Lev attepark facility. Worlently has none. Plurelectrical and sanita 0 30105) Confidence Lev ure interior spaces to Provide fully access	the new locatio , passed in Nov 0 el: High with stakehold high to the SE ary sewer syster 0 el: High	ders to determine 102nd Ave. restrins to serve it. Fur 0 0	Original of the existing res 286,987 0 Total Pri Original the best solution, bom needs to be ided by general of 31,927 0 Total Pri Original stall. Renovate	Project Cost: stroom building. 251,1 17,5 pject Cost: Project Cost: whether it be a upsized to a lar bligation bonds 255,4 pject Cost: Project Cost:	717,468 Provide water, 6 14 179,3 00 638,541 638,541 dding a new Loo, ger line size. If a i, passed in Nover 16 351,1 0 17,5 395,678 395,678	Objective: electrical and sar 167 0 Area: Objective: upgrading existinew Loo is the pmber 2014. 98 100 Area: Objective:	Growth O O East Growth O O East Growth Replace	oms, or ption, then 638,54
Project Description Add a Portland Loo. Work with stakehor to serve the new Loo. Funded by gene Total Requirements Operating and Maintenance Costs NEW - Ed Benedict Park Loo (P3010) Project Description Improve restroom options near the ska adding a Loo to another park that curre this project will need to provide water, Total Requirements Operating and Maintenance Costs NEW - Glenwood Park Restroom (P Project Description Renovate existing restroom. Reconfigure drain and check trap, replace siding. F	Confidence Lev colders to determine ral obligation bonds 0 O4) Confidence Lev attepark facility. Worlently has none. Plurelectrical and sanita 0 30105) Confidence Lev ure interior spaces to Provide fully access	the new locatio , passed in Nov 0 el: High with stakehold high to the SE ary sewer syster 0 el: High	ders to determine 102nd Ave. restrins to serve it. Fur 0 0	Original of the existing res 286,987 0 Total Pri Original the best solution, bom needs to be ided by general of 31,927 0 Total Pri Original stall. Renovate	Project Cost: stroom building. 251,1' 17,50 pject Cost: Project Cost: whether it be aupsized to a lar bligation bonds 255,4 pject Cost: Project Cost: floor in ADA sta of ADA non-conditions	717,468 Provide water, et al. 179,3 200 638,541 638,541 dding a new Loo, ger line size. If a r., passed in Nover 16 351,1 0 17,5 395,678 395,678 Il to slope to drain npliant asphalt particular 19 20 20 20 20 20 20 20 20 20 20 20 20 20	Objective: electrical and sar 167 0 Area: Objective: upgrading existinew Loo is the pmber 2014. 98 100 Area: Objective:	Growth O O East Growth O O East Growth Replace	oms, or ption, then 638,54

Capital Improvement Plan Summaries

	'	Capitai iiii	Jioveilleill	Pian Summ	iaries				
Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget		ed Estimate	d	5-Year Total
Buildings & Pools									
NEW - Mt Tabor Park Summit Restr	oom (P30108)			Total Pr	oject Cost:	676,474	4 Area:	Southe	ast
	Confidence Lev	rel: High		Original	Project Cost:	676,474	Objective:	Replac	ement
Project Description Restore summit restrooms. Replace pl lighting. Provide a new roof and seism Improve exterior path and landscape b in November 2014.	ic upgrades. Bring t	o complete ADA	accessibility sta	ndards. Restore	exterior façade,	, and unblock an	nd replace window	s as nece	essary.
Total Requirements	0	5,000	270,590	67,647	7 338,2	237	0	0	676,47
Operating and Maintenance Costs			0	()	0	0	0	
NEW - Multnomah Art Center & Ann	ex ADA (P30109	9)		Total Pr	oject Cost:	237,414	4 Area:	Southw	rest
	Confidence Lev	rel: High		Original	Project Cost:	237,414	Objective:	Replac	ement
Project Description									
Improve the main building and the cott Repair Report. Address ADA deficient bonds, passed in November 2014.									
Total Requirements	0	0	108,254	129,160)	0	0	0	237,41
Operating and Maintenance Costs			0	()	0	0	0	
NEW - Parklane Park Loo (P30110)				Total Pr	oject Cost:	606,548	Area:	East	
	Confidence Lev	rel: High		Original	Project Cost:	606,548	Objective:	Growth	
Project Description Install a new Portland Loo. Locate it no sidewalk and the play area. Some scr.								o connec	t it to the
Total Requirements	0	5,000	257,783	197,128	3 151,6	637	0	0	606,54
Operating and Maintenance Costs			0	() 17,5	500 17	7,500 17	,500	
NEW - Sellwood Park Kitchen Roof	(P30111)			Total Pr	oject Cost:	1,279,247	7 Area:	Southe	ast
	Confidence Lev	rel: High		Original	Project Cost:	1,279,247	Objective:	Replac	ement
Project Description Replace kitchen building roof. Match h obligation bonds, passed in November		the building, but	also make diaph	ragm/ seismic im	provements an	nd rebuild the roo	of windows. Funde	d by gen	eral
Total Requirements	0	0	607,642	671,604	ļ	0	0	0	1,279,24
Operating and Maintenance Costs			0	()	0	0	0	
NEW - St Johns CC Roof (P30114)	Confidence Lev	rel: High			oject Cost: Project Cost:	1,079,229 1,079,229	Area:	North Replac	ement
Project Description									
Make various repairs at this 1940s faci seismic upgrades as required by code gas heating and air condition units; rep monitoring system throughout the build	Make ADA renova place AC-1, 2, 3, an	tions as required d 4; modify duct	d by code. Resolv work to classroo	re various HVAC m served by AC-	issues: remove 1 so the room h	e two unit heater	s from the gym; re	place wi	th roof top
Total Requirements	0	0	512,634	566,595	5	0	0	0	1,079,22

0

0

0

0

0

Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018- Estimate Budget	d	FY 2019-20 Estimated Budget	5	5-Year Total
Buildings & Pools										
NEW - Ventura Park Loo (P30115)	0	aval. I Kab			ject Cost:	720,106		Area:		
	Confidence L	evei: High		Originai	Project Cost:	720,105	U	bjective:	Growth	
Project Description Install a new Portland Loo. Location w ADA-compliant connections to the side							tary sew	ver systems	to serve i	t. Provide
Total Requirements	0	0	288,042	72,011	360,0	53	0		0	720,106
Operating and Maintenance Costs			0	0	17,5	00 17	7,500	17,5	500	
NEW - Wilkes Park Loo (P30116)				Total Pro	ject Cost:	498,510	3	Area:	East	
	Confidence L	evel: High		Original	Project Cost:	498,513	0	bjective:	Growth	
Project Description Install a new Portland Loo. Work with systems to serve it and ADA-complian									nd sanitary	/ sewer
Total Requirements	0	7,000	224,331	274,182		0	0		0	498,513
Operating and Maintenance Costs			0	17,500	17,5	00 17	,500	17,5	500	
Developed Parks Willamette Park Improvement (P009	•				ject Cost:	655,817			Central C	•
·	Confidence Lo	on including new r	estrooms. Funded	Original	Project Cost:	1,004,882	0	Objective:	GRO: Ex	pand
Project Description Improve Willamette Park around the F	Confidence Lo	on including new r	estrooms. Funded	Original	Project Cost:	1,004,882	0	Objective:	GRO: Ex	pand
Willamette Park Improvement (P009) Project Description Improve Willamette Park around the Fnon-park use permits for the construct	Confidence Long Confidence Lon	on including new r Pump Station.		Original by the Portland	Project Cost:	1,004,882	O ed a port	Objective:	GRO: Ex	pand aid for
Project Description Improve Willamette Park around the Fnon-park use permits for the construct Total Requirements	Fulton Pump Static ion of the Fulton F 55,316	on including new r Pump Station. 398,239	380,000	Original by the Portland 0 0 Total Pro	Project Cost: Water Bureau,	1,004,882 which purchase 0 0 2,100,000	o o o o o o o o o o o o o o o o o o o	Objective:	GRO: Example of the control of the c	pand aid for 380,000
Project Description Improve Willamette Park around the Fnon-park use permits for the construct Total Requirements Operating and Maintenance Costs NEW - Halprin Parks Restoration - In	Fulton Pump Static ion of the Fulton F 55,316	on including new r Pump Station.	380,000	Original by the Portland 0 0 Total Pro	Project Cost: Water Bureau,	1,004,882 which purchase 0 0 2,100,000	o o o o o o o o o o o o o o o o o o o	Objective:	GRO: Example of the control of the c	pand aid for 380,000
Project Description Improve Willamette Park around the Fnon-park use permits for the construct Total Requirements Operating and Maintenance Costs	Fulton Pump Static ion of the Fulton F 55,316 LID (P00721) Confidence L	on including new r Pump Station. 398,239 evel: Moderate	380,000	Original by the Portland 0 0 Total Pro	Project Cost: Water Bureau, pject Cost: Project Cost:	1,004,882 which purchase 0 0 2,100,000 2,100,000	o o o o o o o o o o o o o o o o o o o	Objective:	GRO: Example of the control of the c	pand aid for 380,000
Project Description Improve Willamette Park around the Fnon-park use permits for the construct Total Requirements Operating and Maintenance Costs NEW - Halprin Parks Restoration - In Project Description	Fulton Pump Static ion of the Fulton F 55,316 LID (P00721) Confidence L	on including new r Pump Station. 398,239 evel: Moderate	380,000	Original by the Portland 0 0 Total Pro	Project Cost: Water Bureau, pject Cost: Project Cost: ch needs to be	1,004,882 which purchase 0 0 2,100,000 2,100,000	o o o o o o o o o o o o o o o o o o o	Objective:	GRO: Example of the control of the c	pand aid for 380,000
Project Description Improve Willamette Park around the Fnon-park use permits for the construct Total Requirements Operating and Maintenance Costs NEW - Halprin Parks Restoration - In Project Description Restore the Halprin park, Lovejoy, Kel	Fulton Pump Static ion of the Fulton F 55,316 LID (P00721) Confidence Loter and Pettygrove	on including new r Pump Station. 398,239 evel: Moderate e parks. Funded b	380,000 0 y a Local Improve	Original Output District, wh	Project Cost: Water Bureau, pject Cost: Project Cost: ch needs to be	1,004,882 which purchase 0 0 2,100,000 2,100,000 e established.	o od a port	Objective:	GRO: Exark and p	aid for 380,000 Sity nce & Rep
Willamette Park Improvement (P009) Project Description Improve Willamette Park around the F non-park use permits for the construct Total Requirements Operating and Maintenance Costs NEW - Halprin Parks Restoration - I Project Description Restore the Halprin park, Lovejoy, Kell Total Requirements	Fulton Pump Static ion of the Fulton F 55,316 LID (P00721) Confidence Louiside and Pettygrove	evel: Moderate e parks. Funded b	380,000 0 y a Local Improve 200,000	Original by the Portland 0 Total Pro Original ment District, wh	Project Cost: Water Bureau, pject Cost: Project Cost: ch needs to be	1,004,882 which purchase 0 0 2,100,000 2,100,000 e established. 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Area:	GRO: Exark and p 0 0 Central C Maintena	aid for 380,000 Sity nce & Rep
Project Description Improve Willamette Park around the F non-park use permits for the construct Total Requirements Operating and Maintenance Costs NEW - Halprin Parks Restoration - I Project Description Restore the Halprin park, Lovejoy, Kel Total Requirements Operating and Maintenance Costs	Fulton Pump Static ion of the Fulton F 55,316 LID (P00721) Confidence Lot ler and Pettygrove 0	evel: Moderate e parks. Funded b	380,000 0 y a Local Improve 200,000	Original by the Portland 0 Total Pro Original ment District, wh 0 Total Pro	Project Cost: Water Bureau, pject Cost: Project Cost: ch needs to be	1,004,882 which purchase 0 0 2,100,000 2,100,000 established. 0 0 Ongoing	o o o o o o o o o o o o o o o o o o o	Area:	GRO: Ex ark and p 0 0 Central C Maintena 0 0	aid for 380,000 Sity nce & Rep 200,000
Project Description Improve Willamette Park around the F non-park use permits for the construct Total Requirements Operating and Maintenance Costs NEW - Halprin Parks Restoration - I Project Description Restore the Halprin park, Lovejoy, Kel Total Requirements Operating and Maintenance Costs	Confidence Lifetion Pump Static ion of the Fulton F 55,316 LID (P00721) Confidence Lifeting and Pettygrove 0 t Program (P10 Confidence Lifeting Confidence Confidenc	evel: Moderate 200,000 2001) evel: Moderate	380,000 0 y a Local Improve 200,000 0	Original by the Portland 0 0 Total Pro 0 Total Pro Total Pro	Project Cost: Water Bureau, pject Cost: Project Cost: ch needs to be	1,004,882 which purchase 0 0 2,100,000 2,100,000 established. 0 0 Ongoing	o o o o o o o o o o o o o o o o o o o	Area: Area:	GRO: Ex ark and p 0 0 Central C Maintena 0 0	aid for 380,000 Sity nce & Repa
Willamette Park Improvement (P009) Project Description Improve Willamette Park around the Fnon-park use permits for the construct Total Requirements Operating and Maintenance Costs NEW - Halprin Parks Restoration - In Project Description Restore the Halprin park, Lovejoy, Kell Total Requirements Operating and Maintenance Costs Non Central City Park Development	Confidence Lifetion Pump Static ion of the Fulton F 55,316 LID (P00721) Confidence Lifeting and Pettygrove 0 t Program (P10 Confidence Lifeting Confidence Confidenc	evel: Moderate 200,000 2001) evel: Moderate	380,000 0 y a Local Improve 200,000 0	Original by the Portland 0 0 Total Pro 0 Total Pro Total Pro	Project Cost: Water Bureau, pject Cost: Project Cost: ch needs to be	1,004,882 which purchase 0 0 2,100,000 2,100,000 established. 0 Ongoing	o o o o o o o o o o o o o o o o o o o	Area: Area:	GRO: Ex ark and p 0 0 Central C Maintena 0 0	aid for 380,000 Sity nce & Repa

Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018- Estimate Budget	d	FY 2019-2 Estimated Budget		5-Year Total
Developed Parks										
Central City Park Development (P10	0002)			Total Pro	ject Cost:	Ongoing	9	Area:	Centra	al City
	Confidence Lev	el: Moderate		Original	Project Cost:	Ongoing		Objective:	GRO:	New
Project Description SDC funded park development in the 0	Central City. Project	s to be determir	ned.							
Total Requirements	0	2,011,341	1,000,000	1,000,000	3,000,00	5,500	,000	2,000,	000	12,500,000
Operating and Maintenance Costs			33,775	34,788	35,83	32 36	5,907	38,	014	
NEW - Gateway Green Developmen	t (P10454)			Total Pro	ject Cost:	2,000,000)	Area:	East	
	Confidence Lev	el: High		Original	Project Cost:	2,000,000		Objective:	GRO:	New
Project Description Design work on the Gateway Green produced Discretionary.	oject in order to be I	ready for permit	ting and construct	on when the Met	ro grant is avail	able in early 20)16. F	unded by one	e-time (General Fund
Total Requirements	0	500,000	250,000	0		0	0		0	250,000
Operating and Maintenance Costs			0	0		0	0		0	
Beech Park Development (P10458)	Confidence Lev	el: Moderate			ject Cost: Project Cost:	11,000,000 7,900,000)	Area: Objective:		New
Project Description Phase 1: Develop property to a basic lewill be developed in Phase 2. Funding				g, benches, utiliti	es and drainage	e. Sports fileds	, BMX	, skatespot, į	olaza aı	nd wall seating
Total Requirements	20,347	4,050,000	3,000,000	7,000,000		0	0		0	10,000,000
Operating and Maintenance Costs			0	49,510	49,5	12 49	,512	49,	512	
Gateway Urban Plaza Development	(P10460)			Total Pro	ject Cost:	8,000,000)	Area:	East	
	Confidence Lev	el: Moderate		Original	Project Cost:	5,750,000		Objective:	GRO:	New
Project Description				laza with an into		atura agatina a	reas,			
Project Description Gateway property development per the feature, adventure-inspired play area, or								m Developme		
Gateway property development per the								m Developme	0	7,975,775
Gateway property development per the feature, adventure-inspired play area, or	open flexible lawn a	rea, restroom, s	tormwater facilitie	s, and other typic		es. Funded by	Syster	m Developme		7,975,775
Gateway property development per the feature, adventure-inspired play area, of Total Requirements	open flexible lawn a	4,000,000	3,000,000 0	4,975,775 142,440	al park ameniti	es. Funded by	0 2,440	· ·	440	
Gateway property development per the feature, adventure-inspired play area, of Total Requirements Operating and Maintenance Costs	open flexible lawn a	4,000,000	3,000,000 0	4,975,775 142,440 Total Pro	al park amenition	1,500,000	0 2,440	142,	440 South	west
Gateway property development per the feature, adventure-inspired play area, of Total Requirements Operating and Maintenance Costs	24,225 Plan Implementa Confidence Leve	4,000,000 ation (P10468) el: Moderate	3,000,000 0	4,975,775 142,440 Total Pro Original	al park amenition 142,44 iject Cost: Project Cost:	1,500,000	0 2,440	142, Area: Objective:	South	west New
Gateway property development per the feature, adventure-inspired play area, of Total Requirements Operating and Maintenance Costs NEW - Spring Garden Park Master F Project Description Develop 2002 Master Plan. Project inc	24,225 Plan Implementa Confidence Leve	4,000,000 ation (P10468) el: Moderate	3,000,000 0	4,975,775 142,440 Total Pro Original	al park amenition 142,44 iject Cost: Project Cost:	1,500,000	0 2,440	142, Area: Objective:	South	New

Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget	FY 2019-2 Estimated Budget		5-Year Total
Developed Parks									
Rocky Butte-Masonry (P20376)				Total Pro	oject Cost:	166,000	Area:	Northea	ast
	Confidence L	evel: Moderate		Original	Project Cost:	166,000	Objective:	Mainter	nance-Prese
Project Description Fund restoration of masonry and rock deterioration. This project will replace currently underway will provide total s	/repaint mortar an	d grout to match	historic details and	repair concrete o					
Total Requirements	0	(0	166,000		0	0	0	166,000
Operating and Maintenance Costs			0	0		0	0	0	
USS Oregon WWII Memorial Repai	ir & Access Im	orovements (I	P20416)	Total Pro	oject Cost:	166.496	Area:	Central	City
ore congression and a	Confidence L	•			Project Cost:	,			nance & Repa
Project Description									
Replace rusted metal parts and wood Park is inaccessible to people with disbeen notified that this is non-compliar major maintenance allocation.	sabilities. Both the	grass and concr	ete squares and th	e stairs up to the	upper level wh	ere the mast sits	are not accessib	le. The b	oureau has
Total Requirements	65,896	1,104	1 0	0	50,0	00	0	0	50,000
Operating and Maintenance Costs			0	0		0	0	0	
NEW - Bond Pioneer Courthouse S Project Description Replace failing structures, fix leaks an	Confidence L	evel: Moderate	,	Original	pject Cost: Project Cost:		Objective:	·	ement
Project Description Replace failing structures, fix leaks at spring 2015. Funded by general oblig	Confidence L nd cracks, make in ation bonds, pass	evel: Moderate	, a high-use park. Pr	Original oject scoping in is	Project Cost:	10,000,000	Objective: ance amount wil	Replace	ement ermined by
Project Description Replace failing structures, fix leaks an spring 2015. Funded by general oblig Total Requirements	Confidence L	evel: Moderate	a high-use park. Pr 2014. 2 4,000,000	Original oject scoping in is 4,000,000	Project Cost: s process, and to 2,000,0	10,000,000 the first bond issue	Objective: ance amount wil	Replace I be dete	ement ermined by
Project Description Replace failing structures, fix leaks at spring 2015. Funded by general oblig	Confidence L nd cracks, make in ation bonds, pass	nprovements at a ed in November	a high-use park. Pr 2014.	Original oject scoping in is	Project Cost: s process, and to 2,000,0	10,000,000	Objective: ance amount wil	Replace	ement ermined by
Project Description Replace failing structures, fix leaks an spring 2015. Funded by general oblig Total Requirements	Confidence L nd cracks, make in ation bonds, pass	evel: Moderate nprovements at a ed in November 75,522	a high-use park. Pr 2014. 2 4,000,000	Original oject scoping in is 4,000,000 0 Total Pro	Project Cost: s process, and to 2,000,0	10,000,000 the first bond issue 00 0 2,148,458	Objective: ance amount wil	Replace I be dete	ement by 10,000,000
Project Description Replace failing structures, fix leaks at spring 2015. Funded by general oblighted by Total Requirements Operating and Maintenance Costs	Confidence L nd cracks, make in ation bonds, pass 0 ADA (P30126) Confidence L	evel: Moderate nprovements at a ed in November 75,522 evel: High	a high-use park. Pr 2014. 2 4,000,000 0	Original oject scoping in is 4,000,000 0 Total Pro Original	Project Cost: 2,000,0 pject Cost: Project Cost:	10,000,000 the first bond issue 00 0 2,148,458 2,148,458	Objective: ance amount wil 0 0 Area: Objective:	Replace 0 0 Central	10,000,000 City ement
Project Description Replace failing structures, fix leaks an spring 2015. Funded by general oblig Total Requirements Operating and Maintenance Costs NEW - International Rose Garden A Project Description Address the most importand accessit	Confidence L nd cracks, make in ation bonds, pass 0 ADA (P30126) Confidence L	evel: Moderate nprovements at a ed in November 75,522 evel: High	a high-use park. Pr 2014. 2 4,000,000 0	Original oject scoping in is 4,000,000 0 Total Pro Original	Project Cost: 2,000,0 pject Cost: Project Cost:	10,000,000 the first bond issue 00 0 2,148,458 2,148,458	Objective: ance amount wil 0 0 Area: Objective:	Replace 0 0 Central	rmined by 10,000,000 City ement nds, passed
Project Description Replace failing structures, fix leaks at spring 2015. Funded by general oblig Total Requirements Operating and Maintenance Costs NEW - International Rose Garden A Project Description Address the most importand accessit in November 2014.	Confidence L nd cracks, make ir ation bonds, pass 0 ADA (P30126) Confidence L blity issues from th	evel: Moderate Inprovements at a ed in November 75,522 evel: High e parking area to	a high-use park. Pr 2014. 2 4,000,000 0	Original oject scoping in is 4,000,000 0 Total Pro Original on at the Internation	Project Cost: 2,000,0 Dject Cost: Project Cost: onal Rose Gar	10,000,000 the first bond issue 00 0 2,148,458 2,148,458 den park. Funded	Objective: ance amount wil 0 0 Area: Objective:	Replace 0 0 Central Replace	rmined by 10,000,000 City ement nds, passed
Project Description Replace failing structures, fix leaks at spring 2015. Funded by general oblig Total Requirements Operating and Maintenance Costs NEW - International Rose Garden A Project Description Address the most importand accessit in November 2014. Total Requirements Operating and Maintenance Costs	Confidence L nd cracks, make ir ation bonds, pass 0 ADA (P30126) Confidence L blity issues from th	evel: Moderate Inprovements at a ed in November 75,522 evel: High e parking area to	a high-use park. Pr 2014. 2 4,000,000 0 0 the main destinati	Original oject scoping in is 4,000,000 0 Total Pro Original on at the Internati	Project Cost: 2,000,0 Dject Cost: Project Cost: onal Rose Gar	10,000,000 the first bond issue 00 0 2,148,458 2,148,458 den park. Funded	Objective: ance amount wil 0 0 Area: Objective: by general oblig	Replace 0 0 Central Replace ation bo	rmined by 10,000,000 City ement nds, passed
Project Description Replace failing structures, fix leaks at spring 2015. Funded by general oblig Total Requirements Operating and Maintenance Costs NEW - International Rose Garden A Project Description Address the most importand accessit in November 2014. Total Requirements Operating and Maintenance Costs	Confidence L nd cracks, make ir ation bonds, pass 0 ADA (P30126) Confidence L blity issues from th	evel: Moderate Inprovements at a ed in November 75,522 evel: High e parking area to	a high-use park. Pr 2014. 2 4,000,000 0 0 the main destinati	Original oject scoping in is 4,000,000 0 Total Pro Original on at the Internati 1,289,075	Project Cost: 2,000,0 Dject Cost: Project Cost: onal Rose Gar	10,000,000 the first bond issue 00 0 2,148,458 2,148,458 den park. Funded	Objective: ance amount wil 0 0 Area: Objective: by general oblig 0 0	Replace 0 0 Central Replace ation bo	city ement 2,148,458
Project Description Replace failing structures, fix leaks at spring 2015. Funded by general oblig Total Requirements Operating and Maintenance Costs NEW - International Rose Garden A Project Description Address the most importand accessit in November 2014. Total Requirements Operating and Maintenance Costs Golf	Confidence L nd cracks, make ir ation bonds, pass 0 ADA (P30126) Confidence L blity issues from th	evel: Moderate Improvements at a ded in November 75,522 evel: High e parking area to 15,000	a high-use park. Pr 2014. 2 4,000,000 0 0 the main destinati	Original oject scoping in is 4,000,000 0 Total Pro Original on at the Internati 1,289,075 0 Total Pro	Project Cost: 2,000,0 pject Cost: Project Cost: onal Rose Gar	10,000,000 the first bond issue 00 0 2,148,458 2,148,458 den park. Funded 0 0	Objective: ance amount wil 0 0 Area: Objective: by general oblig 0 0	Replace 0 0 Central Replace ation bo 0	city ement 2,148,458
Project Description Replace failing structures, fix leaks at spring 2015. Funded by general oblig Total Requirements Operating and Maintenance Costs NEW - International Rose Garden A Project Description Address the most importand accessit in November 2014. Total Requirements Operating and Maintenance Costs Golf	Confidence L Indicates, make in ation bonds, passion ADA (P30126) Confidence L Olity issues from th	evel: Moderate Inprovements at a ed in November 75,522 evel: High e parking area to 15,000 evel: Low	a high-use park. Pr 2014. 2 4,000,000 0 the main destinati 0 859,383 0	Original oject scoping in is 4,000,000 0 Total Pro Original 1,289,075 0 Total Pro Original	Project Cost: 2,000,0 Dject Cost: Project Cost: onal Rose Gan	10,000,000 the first bond issue 00 0 2,148,458 2,148,458 den park. Funded 0 0	Objective: ance amount wil 0 0 Area: Objective: by general oblig 0 0 Area:	Replace 0 0 Central Replace ation bo 0	city ement 2,148,458
Project Description Replace failing structures, fix leaks at spring 2015. Funded by general oblig Total Requirements Operating and Maintenance Costs NEW - International Rose Garden A Project Description Address the most importand accessit in November 2014. Total Requirements Operating and Maintenance Costs Golf NEW - Colwood Pavillion (P00208)	Confidence L Indicates, make in ation bonds, passion ADA (P30126) Confidence L Olity issues from th	evel: Moderate Inprovements at a ed in November 75,522 Evel: High E parking area to 15,000 Evel: Low	a high-use park. Pr 2014. 2 4,000,000 0 the main destinati 0 859,383 0	Original oject scoping in is 4,000,000 0 Total Pro Original 1,289,075 0 Total Pro Original	Project Cost: 2,000,0 Dject Cost: Project Cost: onal Rose Gard	10,000,000 the first bond issue 00 0 2,148,458 2,148,458 den park. Funded 0 0	Objective: ance amount wil 0 0 Area: Objective: by general oblig 0 0 Area:	Replace 0 0 Central Replace ation bo 0	city ement 2,148,458

Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget		d	5-Year Total
Golf NEW - Colwood Driving Range (P00	210\			Total Dr	oject Cost:	285,000	Area:	Northea	net.
NEW - Colwood Briving Range (Foo.	•	evel: Moderate			Project Cost:	•	Objective:		
Project Description Desgin and construction of covered dry	ring range at Colv	wood Golf Course	. Funded by golf f	ees.					
Total Requirements	0	0	285,000	()	0	0	0	285,000
Operating and Maintenance Costs			0	()	0	0	0	
Rose City - Reline Lake (P00222)				Total Pr	oject Cost:	70,000	Area:	Northea	ast
	Confidence Lo	evel: Low		Origina	Project Cost:	70,000	Objective:	Mainter	nance & Repa
Project Description The lakes between the 10th and 11th g revenue/fees.	reen at Rose City	y Golf Course will	be dredged and re	e-sealed to prev	ent further leaki	ng and deteriorati	on. This is funde	ed by Gol	f Operating
Total Requirements	0	0	20,000	()	0	0	0	20,000
Operating and Maintenance Costs			0	()	0	0	0	
Riverview Property Restoration (P00	•			Total Pr	oject Cost:	250,000	Area:	Southw	rest
Decised Description	Confidence Lo	evel: High		Origina	Project Cost:	250,000	Objective:	GRO: N	New
Project Description Restoration of newly acquired land in so		· ·	gation funding fron		·		·	GRO: N	New
·		· ·	gation funding fron 50,000		unty for the Sel		·	GRO: N	
Restoration of newly acquired land in so	outhwest Portland	d. Funded by miti	-	n Multnomah Co	unty for the Sel	lwood Bridge proj	ect.		
Restoration of newly acquired land in so Total Requirements	outhwest Portland	d. Funded by miti	50,000	n Multnomah Co	unty for the Sel	lwood Bridge proj	ect.	0	
Restoration of newly acquired land in so Total Requirements Operating and Maintenance Costs	52,093 00664)	d. Funded by miti	50,000	n Multnomah Co 40,000 (Total Pr	unty for the Sel	lwood Bridge proj 0 0 2,290,000	ect. 0 0 Area:	0 0	90,000
Restoration of newly acquired land in so Total Requirements Operating and Maintenance Costs	52,093 00664) Confidence Lo	d. Funded by mitig 119,300	50,000	1 Multnomah Co 40,000 (Total Pr Origina	oject Cost:	lwood Bridge proj 0 0 2,290,000 1,343,000	ect. 0 0 Area: Objective:	0 0	90,000
Restoration of newly acquired land in so Total Requirements Operating and Maintenance Costs Leach Botanical Garden Phase 3 (Po	52,093 00664) Confidence Lo	d. Funded by mitig 119,300	50,000	1 Multnomah Co 40,000 (Total Pr Origina	oject Cost: Project Cost:	lwood Bridge proj 0 0 2,290,000 1,343,000	ect. 0 0 Area: Objective:	0 0	90,000 nance-Preser
Total Requirements Operating and Maintenance Costs Leach Botanical Garden Phase 3 (Po	52,093 00664) Confidence Luch Botanical Gar	d. Funded by mitig 119,300 evel: Moderate den. Funded by th	50,000 0 ne Portland Develo	Total Pr Origina	oject Cost: Project Cost:	lwood Bridge proj 0 0 2,290,000 1,343,000 m Development C	operation of the second of the	0 0 East Mainter	90,000 nance-Presen 1,540,000
Total Requirements Operating and Maintenance Costs Leach Botanical Garden Phase 3 (Po	52,093 00664) Confidence Luch Botanical Gar	d. Funded by mitig 119,300 evel: Moderate den. Funded by th	50,000 0 ne Portland Develo	Total Pr Origina	oject Cost: Project Cost:	lwood Bridge proj 0 0 2,290,000 1,343,000 m Development C	Area: Objective:	0 0 East Mainter	90,000 mance-Presen 1,540,000
Restoration of newly acquired land in so Total Requirements Operating and Maintenance Costs Leach Botanical Garden Phase 3 (Postal Project Description Initial design work on renovation of Leaton Total Requirements Operating and Maintenance Costs	52,093 00664) Confidence Luch Botanical Gar	d. Funded by mitig 119,300 evel: Moderate den. Funded by th	50,000 0 ne Portland Develo	Total Pr	oject Cost: Project Cost: sion and Syster	lwood Bridge proj 0 0 2,290,000 1,343,000 m Development C 0 0 172,500	Area: Objective: Charges. O	0 0 East Mainter	90,000 nance-Preser 1,540,000
Total Requirements Operating and Maintenance Costs Leach Botanical Garden Phase 3 (Postal Description Initial design work on renovation of Lea Total Requirements Operating and Maintenance Costs	52,093 00664) Confidence Local Botanical Gar 12,043 Confidence Local Erikson Drive is padbed. These coll as the roadside	d. Funded by mitig 119,300 evel: Moderate den. Funded by th 646,834 evel: High the primary accessulverts have been a hill, and causing	50,000 0 ne Portland Develo 900,000 0 ss road in Forest P n evaluated and pi slides. Failing cul	Total Pr Origina Opment Commis 640,000 (Total Pr Origina ark for maintena ioritized for repl verts are also or	oject Cost: Project Cost: oject Cost: Project Cost: Project Cost: ance as well as acement. At severe eating head-cut	lwood Bridge proj 0 0 2,290,000 1,343,000 m Development C 0 0 172,500 172,500 emergency access/eral locations flows under the road.	Area: Objective: Charges. Objective: Objective: Objective: Objective: Objective: Objective:	0 0 East Mainter 0 0 Northw Mainter	90,000 nance-Presen 1,540,000 est nance-Presen e are 176 hrough pipe,
Project Description Intial design work on renovation of Lea Total Requirements Operating and Maintenance Costs Leach Botanical Garden Phase 3 (Popular Description Initial design work on renovation of Lea Total Requirements Operating and Maintenance Costs NEW - Renew Forest Park (P00722) Project Description Repair Leif Erikson Drive Culverts. Leif culverts convey stormwater under the reresulting in saturation of roadbed as we	52,093 00664) Confidence Local Botanical Gar 12,043 Confidence Local Erikson Drive is padbed. These coll as the roadside	d. Funded by mitig 119,300 evel: Moderate den. Funded by th 646,834 evel: High the primary accessulverts have been a hill, and causing	50,000 0 ne Portland Develo 900,000 0 ss road in Forest P n evaluated and pi slides. Failing cul	Total Pr Origina Opment Commis 640,000 (Total Pr Origina ark for maintena ioritized for repl verts are also or	oject Cost: Project Cost: sion and Syster oject Cost: Project Cost: Project Cost: ance as well as acement. At severating head-cut unded by one-terms	lwood Bridge proj 0 0 2,290,000 1,343,000 m Development C 0 0 172,500 172,500 emergency access/eral locations flows under the road.	Area: Objective: Charges. Objective: Objective: Objective: Objective: Objective: Objective:	0 0 East Mainter 0 0 Northw Mainter	90,000 nance-Presen 1,540,000 est nance-Presen e are 176 hrough pipe,

Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget	FY 2019-2 Estimate Budget	d 5-Ye	
Green Infrastructure									
NEW - Lan Su Chinese Garden Zith					oject Cost:	668,000		Central City	0 D
	Confidence Le	vei: mign		Original	Project Cost:	000,000	Objective:	Maintenance	& нера
Project Description Repair the 9,000 square foot pond, Lal Portland Development Commision fun		leaking and req	uires replacement	of the pond liner,	at the Lan Su C	classical Chinese	Garden. Funde	ed by one-time	
Total Requirements	0	0	668,000	0		0	0	0 6	668,000
Operating and Maintenance Costs			0	0		0	0	0	
Recreation Features									
Lents Tennis Court Restoration (P0	0310)			Total Pro	oject Cost:	175,000	Area:	East	
	Confidence Le	vel: Moderate		Original	Project Cost:	175,000	Objective:	Maintenance	-Preser
Project Description									
Resurfacing, crack repair, and fencing	upgrades to resto	re courts at Lent	ts Park. Funded by	the General Fun	d major mainter	nance allocation.			
Total Requirements	0	0	0	0	175,00	00	0	0 -	175,000
Operating and Maintenance Costs			0	0		0	0	0	
NEW - Willamette Park Dog off Leas	sh (P00702)			Total Pro	oject Cost:	393,000	Area:	Central City	
	Confidence Le	vel: High		Original	Project Cost:	393,000	Objective:	Replacemen	t
Project Description Relocation of the existing dog off-least	n area as indicated	in the 2012 Par	rk Guidance Plan.	Funded by Willa	mette Park park	ing meter revenu	le.		
·	n area as indicated	in the 2012 Par 243,890		Funded by Willa		ing meter revenu	0	0	120,000
Relocation of the existing dog off-leash					<u> </u>			0 0	120,000
Relocation of the existing dog off-least Total Requirements			120,000	0	<u> </u>	0	0		120,000
Relocation of the existing dog off-least Total Requirements Operating and Maintenance Costs		243,890	120,000	0 Total Pro		0 0 500,000	0 0 Area:	0	120,000
Relocation of the existing dog off-least Total Requirements Operating and Maintenance Costs	0 Confidence Le	243,890 vel: Optimal	120,000	0 Total Pr Original	oject Cost: Project Cost:	0 0 500,000	0 0 Area:	0 Northeast	120,000
Total Requirements Operating and Maintenance Costs Fernhill Splash Pad (P10432) Project Description Construction of a new splash pad water	Confidence Le	243,890 vel: Optimal II Park. Funded	120,000 0	Total Pro Original Development Ch	oject Cost: Project Cost: arges.	0 0 500,000 250,000	0 0 Area: Objective:	0 Northeast GRO: New	
Relocation of the existing dog off-least Total Requirements Operating and Maintenance Costs Fernhill Splash Pad (P10432) Project Description	0 Confidence Le	243,890 vel: Optimal	120,000 0	0 Total Pr Original	oject Cost: Project Cost: arges.	0 0 500,000 250,000	0 0 Area: Objective:	0 Northeast GRO: New	120,000
Total Requirements Operating and Maintenance Costs Fernhill Splash Pad (P10432) Project Description Construction of a new splash pad water Total Requirements	Confidence Le er feature at Fernh 0	243,890 vel: Optimal II Park. Funded 500,000 on (P10473)	120,000 0	Total Pro Original Development Ch 12,460	oject Cost: Project Cost: arges. 12,46	0 0 500,000 250,000 0 500,000	O Area: Objective: Area: Area:	Northeast GRO: New 0 460 Southeast	500,000
Total Requirements Operating and Maintenance Costs Fernhill Splash Pad (P10432) Project Description Construction of a new splash pad wate Total Requirements Operating and Maintenance Costs	Confidence Lear feature at Fernh 0 h Pad Installati	vel: Optimal Il Park. Funded 500,000 on (P10473) vel: Moderate	120,000 0 1 by Parks System 500,000 0	Total Pro Original Development Ch 12,460 Total Pro Original	oject Cost: Project Cost: arges.	0 0 500,000 250,000 0 500,000	O Area: Objective: Area: Area:	Northeast GRO: New	500,000
Total Requirements Operating and Maintenance Costs Fernhill Splash Pad (P10432) Project Description Construction of a new splash pad wate Total Requirements Operating and Maintenance Costs NEW - Colonel Summer Park Splas Project Description	Confidence Lear feature at Fernh 0 h Pad Installati	vel: Optimal Il Park. Funded 500,000 on (P10473) vel: Moderate	120,000 0 1 by Parks System 0 500,000 0	Total Pro Original Development Ch 12,460 Total Pro Original	oject Cost: Project Cost: arges. 12,46 oject Cost: Project Cost:	0 0 500,000 250,000 0 500,000	O Area: Objective: Area: Area:	Northeast GRO: New 0 5 ,460 Southeast GRO: Expan	500,000

Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	Esti	018-19 mated dget	FY 2019-2 Estimated Budget	d 5	-Year Total
ecreation Features										
Argay Park - Playground Swingset I	. `	P20424) evel: Moderate			oject Cost: Project Cost:		5,000	Area: Objective:		ont
	Confidence Le	ever. Moderate		Original	Project Cost.	13,000		Objective.	періасеіі	ent
Project Description Replace older swing sets at several path beyond their useful life. Funded by Ger				OA access, and p	proper footprint	sizing. Cui	rent swin	ig sets are det	eriorating a	nd are
Total Requirements	0	0	15,000	0	ı	0	()	0	15,000
Operating and Maintenance Costs			0	0		0	()	0	
Unthank Park - Playground Swings	et Replacemen	it (P20425)		Total Pr	oject Cost:	1	5,000	Area:	North	
	Confidence Le	evel: Moderate		Original	Project Cost:	15,000		Objective:	Replacem	ent
Project Description										
Replace older swing sets at several parabeyond their useful lifeFunded by Gen				A access, and p	roper footprint s	sizing. The	se swing	sets are deter	iorating and	d are
Total Requirements	0	0	15,000	0		0	()	0	15,000
Operating and Maintenance Costs			0	0		0	()	0	
Hancock Park - Playground Swings	et Replacemer	nt (P20426)		Total Pro	oject Cost:	1	5,000	Area:	Northeast	
	Confidence Le	evel: Moderate		Original	Project Cost:	15,000		Objective:	Replacem	ent
Project Description Removal and replacement of existing \(\) allocation.	Wildwood play stru	uctures at Hancoc	ck Park. These stru	uctures are at the	e end of useful	life. Funde	d by Gen	eral Fund majo	or maintena	ance
	0	0	15,000			0	()	0	15,000
Total Requirements	-	U	13,000	0				,		
Total Requirements Operating and Maintenance Costs		Ü	0	0		0	(0	
·			,	0			5,000			
Operating and Maintenance Costs	et Replacemer		,	Total Pro		1)	East	ent
Operating and Maintenance Costs	et Replacemer	nt (P20427)	,	Total Pro	oject Cost:	1		Area:	East	ent
Operating and Maintenance Costs Harrison Park - Playground Swings	et Replacemer Confidence Le	nt (P20427) evel: Moderate ing an ADA swing	0 g set, improved AD	Total Pro Original	oject Cost: Project Cost:	15,000	5,000	Area: Objective:	East Replacem	
Operating and Maintenance Costs Harrison Park - Playground Swings Project Description Replace older swing sets at Harrison F	et Replacemer Confidence Le	nt (P20427) evel: Moderate ing an ADA swing	0 g set, improved AD	Total Pro Original	pject Cost: Project Cost: proper footprint	15,000	5,000	Area: Objective:	East Replacem	d are
Operating and Maintenance Costs Harrison Park - Playground Swings Project Description Replace older swing sets at Harrison F beyond their useful life. Funded by Ger	et Replacemer Confidence Le Park. Includes add neral Fund major i	nt (P20427) evel: Moderate ing an ADA swing maintenance alloc	g set, improved AE	Total Pro Original	pject Cost: Project Cost: proper footprint	1 15,000 sizing. The	5,000 se swing	Area: Objective: sets are deter	East Replacem	d are
Operating and Maintenance Costs Harrison Park - Playground Swings Project Description Replace older swing sets at Harrison F beyond their useful life. Funded by Ger Total Requirements	et Replacemer Confidence Le Park. Includes add neral Fund major i	evel: Moderate ing an ADA swing maintenance alloo	g set, improved AE cation. 15,000	Total Pro Original A access, and p	pject Cost: Project Cost: proper footprint	1 15,000 sizing. The	5,000 se swing	Area: Objective: sets are deter	East Replacem riorating an	d are 15,000
Operating and Maintenance Costs Harrison Park - Playground Swings Project Description Replace older swing sets at Harrison F beyond their useful life. Funded by Ger Total Requirements Operating and Maintenance Costs	et Replacemer Confidence Le Park. Includes add neral Fund major i 0	evel: Moderate ing an ADA swing maintenance alloo	g set, improved AE cation. 15,000	Total Proof Original OA access, and p	oject Cost: Project Cost: proper footprint	1 15,000 sizing. The 0 0	5,000 se swing (Area: Objective: sets are deter	East Replacemoniorating an 0 0 Northeast	15,000
Operating and Maintenance Costs Harrison Park - Playground Swings Project Description Replace older swing sets at Harrison F beyond their useful life. Funded by Ger Total Requirements Operating and Maintenance Costs	et Replacemer Confidence Le Park. Includes additioneral Fund major i 0 ngset Replace Confidence Le ool Park. Includes	evel: Moderate ing an ADA swing maintenance alloc ment (P20428) evel: Moderate	g set, improved AD cation. 15,000 0	Total Proof Original Of access, and proof Of Original	pject Cost: Project Cost: proper footprint pject Cost: Project Cost:	1 15,000 sizing. The 0 0	5,000 se swing (Area: Objective: sets are deter Area: Objective:	East Replacemonderiorating and 0 0 Northeast Replacemonderiorating	15,000 ent
Operating and Maintenance Costs Harrison Park - Playground Swings Project Description Replace older swing sets at Harrison F beyond their useful life. Funded by Ger Total Requirements Operating and Maintenance Costs King School Park - Playground Swi Project Description Replace older swing sets at Kings Sch	et Replacemer Confidence Le Park. Includes additioneral Fund major i 0 ngset Replace Confidence Le ool Park. Includes	evel: Moderate ing an ADA swing maintenance alloc ment (P20428) evel: Moderate	g set, improved AD cation. 15,000 0	Total Proof Original Of access, and proof Of Original	pject Cost: Project Cost: proper footprint pject Cost: Project Cost:	1 15,000 sizing. The 0 0	5,000 se swing (Area: Objective: sets are deter Area: Objective:	East Replacemonderiorating and 0 0 Northeast Replacemonderiorating	15,000 ent

Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	Es	2018-19 stimated Budget	FY 2019-2 Estimate Budget	d	5-Year Total
ecreation Features										
Two Plum Park - Play Area Safety ar	•	•			oject Cost:	15 000	15,000		Northeas	
	Confidence L	evel: Moderate		Original	Project Cost:	15,000		Objective:	Replace	ment
Project Description Replace older swing sets at Two Plum beyond their useful life. Funded by Ge				ADA access, and	l proper footprin	ıt sizing.	These swir	ng sets are de	teriorating	and are
Total Requirements	0	0	15,000	0	1	0	0	ı	0	15,00
Operating and Maintenance Costs			0	0		0	0	1	0	
Knott Park Sports Field Safety Impr	ovements (P2	0434)		Total Pro	oject Cost:		174,000	Area:	East	
	Confidence L	evel: High		Original	Project Cost:	174,000	ס	Objective:	Maintena	ance & Rep
Project Description										
Safety improvement projects at Knott F and placement modifications, grading,	,			, ,		e irrigatio	on tune-ups	consisting of p	oroduct ch	nange-out
Total Requirements	0	0	0	0		0	174,000	1	0	174,00
Operating and Maintenance Costs			0	0		0	0)	0	
Wallace Park Sport Field Safety Imp	•	,			oject Cost:		26,000		Northwe	st
	Confidence L	evel: High		Original	Project Cost:	26,000		Objective:	Maintena	ance & Rep
Project Description Safety improvement projects at Wallac and placement modifications. Funded	e Park. Project w	vill include deep ti		·	•		ation tune-u	-		·
Safety improvement projects at Wallac	e Park. Project w	vill include deep ti		·	d perform comp		ation tune-u 26,000	ps consisting		t change-ou
Safety improvement projects at Wallac and placement modifications. Funded	e Park. Project w by General Fund	vill include deep ti major maintenan	ce allocation.	s, overseed, and	d perform comp	lete irriga		ps consisting	of product	t change-ou
Safety improvement projects at Wallac and placement modifications. Funded Total Requirements	e Park. Project w by General Fund 0	rill include deep ti major maintenan 0	ce allocation.	s, overseed, and	d perform comp	lete irriga	26,000	ps consisting	of product	t change-ou 26,00
Safety improvement projects at Wallac and placement modifications. Funded Total Requirements Operating and Maintenance Costs	e Park. Project w by General Fund 0	vill include deep ti major maintenan 0	ce allocation.	s, overseed, and	d perform comp	lete irrig:	26,000	ps consisting	of product 0 0 Northeas	t change-ou 26,00
Safety improvement projects at Wallac and placement modifications. Funded Total Requirements Operating and Maintenance Costs Fernhill Sports Field Safety Improve	e Park. Project wood General Fund 0 ements (P204)	rill include deep ti major maintenand 0 36) evel: High	ce allocation. 0 0	s, overseed, and	d perform comp	0 0 26,000	26,000 0 26,000	ps consisting Area: Objective:	of product 0 0 Northeas Maintena	26,00 26 st
Safety improvement projects at Wallac and placement modifications. Funded Total Requirements Operating and Maintenance Costs Fernhill Sports Field Safety Improve	e Park. Project wood General Fund 0 ements (P204: Confidence L	rill include deep ti major maintenand 0 36) evel: High	oe allocation. 0 0	s, overseed, and 0 Total Pro Original	d perform comp	0 0 26,000	26,000 0 26,000	ps consisting Area: Objective:	of product 0 0 Northeas Maintena	26,00 26 ance & Rep
Safety improvement projects at Wallac and placement modifications. Funded Total Requirements Operating and Maintenance Costs Fernhill Sports Field Safety Improve Project Description Safety improvement projects at Fernhill	e Park. Project wood General Fund 0 ements (P204: Confidence L	rill include deep ti major maintenand 0 36) evel: High	deep tine aerate, to	s, overseed, and 0 Total Pro Original	d perform comp	0 0 26,000	26,000 0 26,000	Area: Objective:	of product 0 0 Northeas Maintena	26,00 st ance & Rep
Safety improvement projects at Wallac and placement modifications. Funded Total Requirements Operating and Maintenance Costs Fernhill Sports Field Safety Improve Project Description Safety improvement projects at Fernhil change-out and placement modification	e Park. Project wood General Fund 0 ements (P204: Confidence L I Sports Field. Pros. Funded by General Funded by General Funded by General Funded Seneral	rill include deep ti major maintenand 0 36) evel: High	deep tine aerate, to	s, overseed, and O Total Pri Original op dress, oversecation.	oject Cost: Project Cost: ed, and perform	0 0 0 26,000	26,000 0 26,000 te irrigation	Area: Objective:	of product 0 0 Northeas Maintena	26,000
Safety improvement projects at Wallac and placement modifications. Funded of Total Requirements Operating and Maintenance Costs Fernhill Sports Field Safety Improvements Project Description Safety improvement projects at Fernhil change-out and placement modification Total Requirements Operating and Maintenance Costs	e Park. Project word general Fund 0 ements (P204; Confidence L I Sports Field. Pros. Funded by General Sports Funded B	rill include deep ti major maintenand 0 36) evel: High oject will include deneral Fund major	deep tine aerate, to maintenance allocation.	Total Pro Original op dress, oversecation.	oject Cost: Project Cost: ed, and perform	0 0 0 26,000	26,000 0 26,000 te irrigation	Area: Objective:	of product 0 0 Northeas Maintena	26,000 st ance & Rep
Safety improvement projects at Wallac and placement modifications. Funded of Total Requirements Operating and Maintenance Costs Fernhill Sports Field Safety Improvements Project Description Safety improvement projects at Fernhil change-out and placement modification Total Requirements Operating and Maintenance Costs	e Park. Project word general Fund 0 ements (P204; Confidence L I Sports Field. Pros. Funded by General Sports Funded B	rill include deep ti major maintenand 0 36) evel: High oject will include deneral Fund major 0	deep tine aerate, to maintenance allocation.	s, overseed, and Total Pri Original op dress, oversection. 6,000	oject Cost: Project Cost: ed, and perform	0 0 0 26,000 comple 0	26,000 26,000 te irrigation	Area: Objective:	of product 0 0 Northeas Maintena sisting of p 0 0	26,00 st ance & Report
Safety improvement projects at Wallac and placement modifications. Funded Total Requirements Operating and Maintenance Costs Fernhill Sports Field Safety Improve Project Description Safety improvement projects at Fernhil change-out and placement modification Total Requirements	e Park. Project word general Fund O ements (P2043 Confidence L I Sports Field. Pros. Funded by General Funded	rill include deep ti major maintenand 0 36) evel: High oject will include deneral Fund major 0 37) evel: High	deep tine aerate, to maintenance alloo 0	s, overseed, and Total Pro Original op dress, oversecation. 6,000 Total Pro Original	oject Cost: Project Cost: ed, and perform oject Cost: Project Cost:	26,000 0 comple 0 0	26,000 26,000 te irrigation 0	Area: Objective: Area: Objective:	of product 0 0 Northeas Maintena 0 0 East Maintena	26,000 st change-ou 26,000 st ance & Rep
Safety improvement projects at Wallac and placement modifications. Funded Total Requirements Operating and Maintenance Costs Fernhill Sports Field Safety Improved Project Description Safety improvement projects at Fernhill change-out and placement modification Total Requirements Operating and Maintenance Costs Ed Benedict Park Sports Field Safeth Project Description Safety improvement projects at Ed Beredicty improvement projects at Ed Beredicty improvement projects at Ed Beredicty improvement projects at Ed Beredictions.	e Park. Project word general Fund O ements (P2043 Confidence L I Sports Field. Pros. Funded by General Funded	rill include deep ti major maintenand 0 36) evel: High oject will include deneral Fund major 0 37) evel: High	deep tine aerate, to maintenance allow 20,000	s, overseed, and Total Pro Original op dress, oversecation. 6,000 Total Pro Original	oject Cost: Project Cost: ed, and perform oject Cost: Project Cost:	26,000 0 comple 0 0	26,000 26,000 te irrigation 0	Area: Objective: Area: Objective:	of product 0 0 Northeas Maintena 0 0 East Maintena	26,000 st change-ou 26,000 st ance & Rep

Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget			d	5-Year Total
Recreation Features									
Hancock Park Play Area Safety and	ADA (P20439)			Total Pr	oject Cost:	123,000	Area:	Northea	ast
	Confidence Le	vel: Moderate		Original	Project Cost:	123,000	Objective:	Replace	ement
Project Description									
Replace older swing sets at Hancock P beyond their useful life. Funded by Gen				DA access, and	proper footprint	sizing. These sw	ing sets are dete	riorating	and are
Total Requirements	0	0	0	123,000)	0	0	0	123,00
Operating and Maintenance Costs			0	()	0	0	0	
NEW - Couch Park Playground (P30	001)			Total Pr	oject Cost:	1,633,516	Area:	Northwe	est
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Confidence Le	vel: High			Project Cost:		Objective:	Replace	ement
Project Description									
master plan. Remove and protect exist west side concrete ramp into play area system, and new fencing or other barrie walkway between NW Glisan and Hoyt 2014.	and existing fencions to separate the	ing. Provide and e playground fror	install new play e n the street and D	quipment with rul og Off Leash Are	oberized surfac ea. In addition, o	ing, flush concret correct ADA defic	e perimeter curb, iencies by replac	subsurfa ing the b	ice drainage rick plaza
Total Requirements	0	65,522	653,406	163,352			0	0	1,633,510
	0	65,522	653,406 0	163,352	2 816,7			0	
Total Requirements		65,522		(2 816,7	758	0 0	•	1,633,51
Total Requirements Operating and Maintenance Costs				Total Pr	2 816,7	774,642	0 0	0 Southea	1,633,51
Total Requirements Operating and Maintenance Costs	Confidence Le	evel: High Ipdated play equ Id lights. Provide In path to the play	ipment at Creston and install new pl yground and the s	Total Pr Original Park. Demolish ay equipment wit	2 816,7 oject Cost: Project Cost: existing wood chrubberized su	774,642 774,642 hip surface, substrfacing, flush cor	0 0 Area: Objective:	Souther Replace	1,633,51 ast ement and concret
Total Requirements Operating and Maintenance Costs NEW - Creston Park Playground (P3 Project Description Remove outdated structures and replact aprons surrounding playground. Protect subsurface drainage system. Provide a	Confidence Le	evel: High Ipdated play equ Id lights. Provide In path to the play	ipment at Creston and install new pl yground and the s	Total Pr Original Park. Demolish ay equipment wit	oject Cost: Project Cost: existing wood ch rubberized stark's west park	774,642 774,642 4 hip surface, subsurfacing, flush coring lot. Provide an	0 0 Area: Objective:	Souther Replace	1,633,51
Total Requirements Operating and Maintenance Costs NEW - Creston Park Playground (P3 Project Description Remove outdated structures and replace aprons surrounding playground. Protect subsurface drainage system. Provide a benches. Funded by general obligation	Confidence Le ce with safe and u to the big trees an an ADA-accessibl bonds, passed in	evel: High Ipdated play equ d lights. Provide e path to the pla November 2014	ipment at Creston and install new pl yground and the s	Total Pr Original Park. Demolish ay equipment wit wings from the p	oject Cost: Project Cost: existing wood of h rubberized stark's west park	774,642 774,642 4 hip surface, subsurfacing, flush coring lot. Provide an	Objective: urface drainage excrete perimeter of ADA compliant	Souther Replace features, curbs and drinking	1,633,51 ast ement and concret d apron, and fountain and
Total Requirements Operating and Maintenance Costs NEW - Creston Park Playground (P3 Project Description Remove outdated structures and replact aprons surrounding playground. Protect subsurface drainage system. Provide a benches. Funded by general obligation Total Requirements Operating and Maintenance Costs	confidence Leader with safe and upt the big trees and ADA-accessible bonds, passed in	evel: High Ipdated play equ d lights. Provide e path to the pla November 2014	ipment at Creston and install new pl yground and the s i. 297,857	Total Pr Original Park. Demolish ay equipment wit wings from the p	oject Cost: Project Cost: existing wood of h rubberized stark's west park	774,642 774,642 hip surface, subsurfacing, flush coring lot. Provide au	O Area: Objective: urface drainage circle perimeter of ADA compliant 0	Souther Replace features, curbs and drinking	1,633,51
Total Requirements Operating and Maintenance Costs NEW - Creston Park Playground (P3 Project Description Remove outdated structures and replace aprons surrounding playground. Protect subsurface drainage system. Provide a benches. Funded by general obligation Total Requirements	confidence Leader with safe and upt the big trees and ADA-accessible bonds, passed in	evel: High Ipdated play equ d lights. Provide e path to the pla November 2014 5,000	ipment at Creston and install new pl yground and the s i. 297,857	Total Pr Original Park. Demolish ay equipment wit wings from the p	oject Cost: Project Cost: existing wood of h rubberized stark's west park	774,642 774,642 hip surface, subsurfacing, flush coring lot. Provide at 0	O Area: Objective: urface drainage circle perimeter of ADA compliant 0	Souther Replace features, curbs and drinking	1,633,51 ast ement and concret d apron, and fountain and
Total Requirements Operating and Maintenance Costs NEW - Creston Park Playground (P3 Project Description Remove outdated structures and replace aprons surrounding playground. Protect subsurface drainage system. Provide a benches. Funded by general obligation Total Requirements Operating and Maintenance Costs	confidence Leader with safe and upt the big trees and an ADA-accessible bonds, passed in 0	evel: High Ipdated play equ d lights. Provide e path to the pla November 2014 5,000	ipment at Creston and install new pl yground and the s i. 297,857	Total Pr Original Park. Demolish ay equipment wit wings from the p	oject Cost: Project Cost: existing wood of h rubberized stark's west park 372,3	774,642 774,642 hip surface, subsurfacing, flush coring lot. Provide at 0	O Area: Objective: urface drainage acrete perimeter of ADA compliant O APA	Souther Replace features, curbs and drinking	1,633,51 ast ement and concret d apron, and fountain and
Total Requirements Operating and Maintenance Costs NEW - Creston Park Playground (P3 Project Description Remove outdated structures and replace aprons surrounding playground. Protect subsurface drainage system. Provide a benches. Funded by general obligation Total Requirements Operating and Maintenance Costs NEW - Kenton Park Playground (P36)	confidence Leader with safe and up the big trees an an ADA-accessible bonds, passed in 0 Confidence Leader the restroom. Provide new rubled measures. Re	evel: High Ipdated play equ d lights. Provide e path to the pla November 2014 5,000 Evel: High In at Kenton Park oberized play sur move ADA non-	ipment at Creston and install new pl yground and the s i. 297,857 0	Total Pr Original Park. Demolish ay equipment wit wings from the p 74,464 () Total Pr Original blace outdated, ir nd curbs. Addres np and asphalt p	existing wood of h rubberized stark's west park 372,3 oject Cost: Project Cost: Project Cost: accessible plays sunstable soil avement from f	774,642 774,642 hip surface, subsurfacing, flush corng lot. Provide at 976,405 976,405 v structures, picni and foundation s N. Delaware Aver	O O O O O O O O O O O O O O O O O O O	Souther Replace features, surbs and drinking 0 North Replace	ast ement and concret d apron, and fountain and 744,64 ement
Total Requirements Operating and Maintenance Costs NEW - Creston Park Playground (P3 Project Description Remove outdated structures and replact aprons surrounding playground. Protect subsurface drainage system. Provide a benches. Funded by general obligation Total Requirements Operating and Maintenance Costs NEW - Kenton Park Playground (P36 Project Description Replace play equipment and amenities and pavement adjacent to the restroom analysis and implementing recommend	confidence Leader with safe and up the big trees an an ADA-accessible bonds, passed in 0 Confidence Leader the restroom. Provide new rubled measures. Re	evel: High Ipdated play equ d lights. Provide e path to the pla November 2014 5,000 Evel: High In at Kenton Park oberized play sur move ADA non-	ipment at Creston and install new plyground and the sl. 297,857 0 a. Remove and refacing, drainage acompliant curb rai area. Funded by	Total Pr Original Park. Demolish ay equipment wit wings from the p 74,464 () Total Pr Original blace outdated, ir nd curbs. Addres np and asphalt p	oject Cost: Project Cost: existing wood of h rubberized stark's west park 372,3 oject Cost: Project Cost: accessible plays avement from I h bonds, passee	774,642 774,642 hip surface, subsurfacing, flush coring lot. Provide at 0 976,405 976,405 vistructures, picni and foundation si on the coring lot in November 20	O Area: Objective: urface drainage decrete perimeter of ADA compliant O O Area: Objective: c tables, benches ituation by conducted to the play are 114.	Souther Replace features, surbs and drinking 0 North Replace	ast ement and concret d apron, and fountain and 744,64 ement

Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget				5-Year Total
ecreation Features									
NEW - Lents Park Playground (P300	04)			Total Pr	oject Cost:	1,483,962	Area:	Southe	ast
	Confidence L	.evel: High		Original	Project Cost:	1,483,962	Objective:	Replac	ement
Project Description									
Remove and replace the wooden play s between the upper and lower levels of t restroom. Re-use newer and ADA-comp accessible rubberized play surfacing. P ramp and asphalt pavements connectin passed in November 2014.	he play area to pliant play equip reserve all heal	be accessible. Rement and picnic to the trees. Create	place inaccessible ables. Remove old an ADA accessible	picnic tables, be I drainage system pathway to the	enches, and the n and wood chi playground fror	drinking fountair p surfacing. Repl n the ADA parkin	n and pavements ace subsurface d g lot. Replace AD	serving rainage A non-c	play area an and provide ompliant cur
Total Requirements	0	5,000	593,585	148,396	741,9	981	0	0	1,483,96
Operating and Maintenance Costs			0	C)	0	0	0	
NEW - Lynchview Park Playground (P30005)			Total Pr	oject Cost:	3,175,908	Area:	East	
, , , , , , , , , , , , , , , , , , , ,	Confidence L	.evel: High			Project Cost:		Objective:	Replac	ement
Project Description									
Add new a new playground to the park to trash receptacle, and an ADA-complian Funded by general obligation bonds, pa	t pathway that o	onnects to a new							
Add new a new playground to the park t trash receptacle, and an ADA-complian	t pathway that o	onnects to a new per 2014.	ADA parking stall		rances. Install i	new drinking foun	tain, shade trees		ning sign.
Add new a new playground to the park to trash receptacle, and an ADA-complian Funded by general obligation bonds, part of the park to the	t pathway that o	onnects to a new per 2014.	ADA parking stall	and the park ent	rances. Install i	new drinking foun	tain, shade trees	and nan	
Add new a new playground to the park trash receptacle, and an ADA-complian Funded by general obligation bonds, pa	t pathway that c ssed in Noveml 0	onnects to a new per 2014.	ADA parking stall	and the park ent	rances. Install i	new drinking foun	tain, shade trees 954 000	and nan	3,175,90
Add new a new playground to the park trash receptacle, and an ADA-complian Funded by general obligation bonds, pa Total Requirements Operating and Maintenance Costs	t pathway that c ssed in Noveml 0	onnects to a new per 2014.	ADA parking stall	and the park ent 476,386 0 Total Pr	rances. Install I	new drinking foun 668 1,587, 0 35, 1,611,496	tain, shade trees 954 000	0 0 Centra	3,175,90
Add new a new playground to the park trash receptacle, and an ADA-complian Funded by general obligation bonds, pa Total Requirements Operating and Maintenance Costs	t pathway that of ssed in November 1 of 1 o	onnects to a new per 2014. 5,000 evel: High d replace two agi o provide more re	ADA parking stall 0 0 properties of the prope	and the park ent 476,386 Total Pr Original and a swing set p ment. Remove ar	oject Cost: Project Cost:	1,611,496 g rubberized surfa	954 000 Area: Objective:	0 0 Centra Replace	3,175,90. City ement
Add new a new playground to the park thrash receptacle, and an ADA-complian Funded by general obligation bonds, particles and the park through through the park through the park through the park through through through the park through thro	t pathway that of ssed in November 1 of 1 o	evel: High d replace two agi o provide more ro on bonds, passed	ADA parking stall 0 0 properties of the prope	and the park ent 476,386 Total Pr Original and a swing set p ment. Remove ar	oject Cost: Project Cost: Project Cost: plus the existing of replace the best of the project cost.	1,611,496 1,611,496 1,010,496 1,010,496	954 000 Area: Objective:	0 0 Centra Replace	3,175,90 City ement otprint of the the SW and
Add new a new playground to the park thrash receptacle, and an ADA-complian Funded by general obligation bonds, part total Requirements Operating and Maintenance Costs NEW - North Park Blocks Playground Project Description Update the play area at North Park Block play area. Move the lights to just outside NE corners to the play area. Funded by	t pathway that of ssed in November 1 of 1 o	evel: High d replace two agi o provide more ro on bonds, passed	ADA parking stall 0 0 properties of the prope	and the park ent 476,386 Total Pr Original and a swing set p ment. Remove ar 4.	oject Cost: Project Cost: Dlus the existing of replace the in the second replace the interval replace the	1,611,496 1,611,496 1,010,496 1,010,496	954 000 Area: Objective: acing within the exampliance walkwa	0 0 Centra Replace	3,175,900 City ement otprint of the the SW and
Add new a new playground to the park thrash receptacle, and an ADA-complian Funded by general obligation bonds, particles and the park through through the park through throug	t pathway that of ssed in Novemle of the Novemle of the ssed in Novemle of the ssed in Novemle of the part of the play area to general obligation of the play area of general obligation obligation of the play area of general obligation obligation obligation of the play area of general obligation obligatio	evel: High d replace two agi o provide more ro on bonds, passed	ADA parking stall 0 0 properties of the properties of the play equipment of the play equipment of the properties of t	Total Proof of the service of the park entrance of	oject Cost: Project Cost: Dlus the existing of replace the in the second replace the interval replace the	1,611,496 1,611,496 1,610,496 1,610,496 1,610,496 1,610,496	954 000 Area: Objective: acing within the exampliance walkware	Centra Replace disting for ys from	3,175,906 City ement
Add new a new playground to the park thrash receptacle, and an ADA-complian Funded by general obligation bonds, particles and the park through through the park through through through the park through the park through	t pathway that of ssed in Novemle of the Novemle of the ssed in Novemle of the ssed in Novemle of the part of the play area to general obligation of the play area of general obligation obligation of the play area of general obligation obligation obligation of the play area of general obligation obligatio	evel: High d replace two agi o provide more ro on bonds, passec	ADA parking stall 0 0 properties of the properties of the play equipment of the play equipment of the properties of t	Total Processing Set	oject Cost: Project Cost: Project Cost: 0 805,7	1,611,496 1,611,496 1,611,496 1,610,496 1,611,496 1,611,496 1,112,758	954 000 Area: Objective: acing within the exampliance walkware	Centra Replace sisting for ys from 0 0 East	3,175,90 City ement otherint of the SW and 1,611,49
Add new a new playground to the park thrash receptacle, and an ADA-complian Funded by general obligation bonds, particles and the park through through the park through throug	t pathway that of ssed in Novemle of the Novemle of the Seed in November of the S	evel: High d replace two agi o provide more ro on bonds, passec	ADA parking stall 0 0 properties of the properties of the play equipment of the play equipment of the properties of t	Total Processing Set	oject Cost: Project Cost: Dlus the existing of replace the beautiful and replace the beautiful a	1,611,496 1,611,496 1,611,496 1,610,496 1,611,496 1,611,496 1,112,758	Area: Objective: acing within the exampliance walkware Area:	Centra Replace sisting for ys from 0 0 East	3,175,90 City ement otherint of the SW and 1,611,49
Add new a new playground to the park thrash receptacle, and an ADA-complian Funded by general obligation bonds, particles and the park of	t pathway that of ssed in Novemle of the Novemle of the Novemle of the Novemle of the November of the November of the Play area of the November of the Nov	evel: High d replace two agi o provide more ro on bonds, passed 5,000 evel: High	ng play structures om for play equipri in November 201 644,598 0	and the park ent 476,386 Total Pr Original and a swing set p ment. Remove ar 4. 161,150 Total Pr Original ures; play surface blematic trees. F	oject Cost: Project Cost: Project Cost: Project Cost: Project Cost: Project Cost: Project Cost: Project Cost:	new drinking foun 568 1,587, 0 35, 1,611,496 1,611,496 g rubberized surfactuckled, out-of-co	Area: Objective: acing within the exampliance walkware Objective: Area: Objective: and perimeter curb ramp and landir	Centra Replace disting for ys from 0 East Replace Dos and vig at par	3,175,90 City ement otprint of the the SW and 1,611,49 ement valls; king lot.
Add new a new playground to the park t trash receptacle, and an ADA-complian Funded by general obligation bonds, particles and an ADA-complian Funded by general obligation bonds, particles and the park of training and Maintenance Costs NEW - North Park Blocks Playground Project Description Update the play area at North Park Block play area. Move the lights to just outside NE corners to the play area. Funded by Total Requirements Operating and Maintenance Costs NEW - Ventura Park Playground (P36) Project Description Update the play area Ventura Park. Repavements buckled by tree roots including Re-install benches and bike rack. Protest	t pathway that of ssed in Novemle of the Novemle of the Novemle of the Novemle of the November of the November of the Play area of the November of the Nov	evel: High d replace two agi o provide more ro on bonds, passed 5,000 evel: High	ng play structures om for play equipr in November 201 644,598 0	and the park ent 476,386 Total Pr Original and a swing set p ment. Remove ar 4. 161,150 Total Pr Original ures; play surface blematic trees. F	oject Cost: Project Cost: Project Cost: Olus the existing of replace the box 100 to 1	new drinking foun 568 1,587, 0 35, 1,611,496 1,611,496 g rubberized surfacted, out-of-cod 748 0 1,112,758 1,112,758 drainage system a DA-compliant curl d subsurface dra	Area: Objective: acing within the exampliance walkware Objective: Area: Objective: and perimeter curb ramp and landir	Centra Replace disting for ys from 0 East Replace Dos and vig at par	3,175,90 City ement otprint of the the SW and 1,611,49 ement valls; king lot.

		Oupitui iiii	or overnerit	i iuii Guiiiii	iui ico				
Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget		d	5-Year Total
Recreation Features									
NEW - Argay Tennis Court (P30100)				Total Pro	oject Cost:	1,076,240	Area:	East	
	Confidence Le	vel: High		Original	Project Cost:	1,076,239	Objective:	Replace	ement
Project Description Rebuild and upgrade all four existing ter surface, necessary to eliminate substan general obligation bonds, passed in Nov	ntial cracking and								
Total Requirements	0	5,000	430,496	376,684	269,0	60	0	0	1,076,240
Operating and Maintenance Costs			0	0		0	0	0	
NEW - Reike Synthetic Turf (P30107))			Total Pro	oject Cost:	2,187,822	Area:	Southw	rest
,	Confidence Le	vel: High		Original	Project Cost:		Objective:	Replac	ement
Project Description									
Renovate synthetic playing field at Reik issues; install sub-base and drainage sy lighting can be considered in a future ph	ystem; install new	synthetic field w	ith furnishings, cu	rbing and access	sible pathway to				
Total Requirements	0	0	328,173	765,738	1,093,9	11	0	0	2,187,822
Operating and Maintenance Costs			0	0		0	0	0	
Project Description Connect Bridgeton Road to the new lighlink in the Marine Drive Trail system and	d provide a neighl	borhood promena	ade for Bridgeton.	Funding provide					
budgeted after an agreement has been		-				•			000.000
Total Requirements	122,379	260,000	260,000	0 000		0	0	0	260,000
Operating and Maintenance Costs			0	9,000		0	0	0	
Ventura Park New Irrigation System	(P00316)			Total Pro	oject Cost:	130,000	Area:	East	
,	Confidence Le	vel: Moderate		Original	Project Cost:		Objective:	Replac	ement
Project Description Replace existing irrigation system and a	add central contro	ls at Ventura Par	k. Funding provid	ed by the Genera	al Fund major m	naintenance alloc	ation.		
Total Requirements	0	0	0	130,000	<u> </u>	0	0	0	130,000
Operating and Maintenance Costs			0	0		0	0	0	
Bridge Inventory & Assessment (P00	0336) Confidence Le	vel: Moderate			oject Cost: Project Cost:	1,100,000 1,100,000		Citywid Mainter	e nance-Safety
Project Description									
Inventory, assess, and report on bridges priority to assess pedestrian and vehicu							on Springwater	Corridor.	There is a
Total Requirements	0	300,000	150,000	300,000	200,0	00 200,0	000 100	,000	950,000
Operating and Maintenance Costs			0	0		0	0	0	

Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget	FY 2019-2 Estimate Budget	d	5-Year Total
Jtilities, Roads & Trails									
NEW - Washington Park West Parki	•	•	99)		oject Cost:	450,000		Northwe	
	Confidence Le	vel: Moderate		Original	Project Cost:	450,000	Objective:	Mainten	ance & Rep
Project Description Oregon Zoo parking lot improvements.	Funded by Wash	ngton Park parki	ng meter revenue	. Total project co	sts will be budg	eted in out years	after meter reve	nues are	realized.
Total Requirements	0	134,801	50,000	0		0	0	0	50,000
Operating and Maintenance Costs			0	0		0	0	0	
NEW - Willamette Park Pathways (P	00703)			Total Pro	oject Cost:	189,822	Area:	Central	City
	Confidence Le	vel: Moderate		Original	Project Cost:	983,113	Objective:	GRO: E	xpand
Project Description									
Trail circulation improvements per Red	levelopment Plan.	Funded by reve	nue from the sale	of property to the	Water Bureau	for the new Fultor	n Pump Station.		
Total Requirements	0	189,822	90,000	0		0	0	0	90,000
Operating and Maintenance Costs			0	0		0	0	0	
NEW - Oregon Zoo Stormwater Line	e Phase 1 (P00 Confidence Le				oject Cost: Project Cost:	480,000 480,000	Area: Objective:	Northwe	
Project Description Installation of stormwater line from Zoo	parking lot to Hig	hway 26. Funde	d by Washington F	Park parking met	er revenue.				
Total Requirements	0	90,000	300,000	0		0	0	0	300,000
Total Requirements Operating and Maintenance Costs	0	90,000	300,000	0		0	0	0	300,000
•		·	0	0			0		300,000
Operating and Maintenance Costs		ement (P00708	0	Total Pro		31,376	0	0 Northea	st
Operating and Maintenance Costs	er DDC Replace Confidence Le	ement (P00708 vel: High	0	Total Pro Original	oject Cost: Project Cost:	31,376	Objective:	0 Northea Replace	st
Operating and Maintenance Costs NEW - Montavilla Community Cente Project Description Replace existing Walker system with n	er DDC Replace Confidence Le	ement (P00708 vel: High	0	Total Pro Original	oject Cost: Project Cost: es outdated har	31,376	Objective:	0 Northea Replace	st ement by General
Operating and Maintenance Costs NEW - Montavilla Community Cente Project Description Replace existing Walker system with n Fund.	er DDC Replace Confidence Le	ement (P00708 vel: High gic direct digital o	0 Sontrol system. Ex	Total Pro Original isting system us	oject Cost: Project Cost: es outdated har	31,376 31,376 dware and is become	Area: Objective:	Northea Replace Funded	st
Operating and Maintenance Costs NEW - Montavilla Community Center Project Description Replace existing Walker system with no Fund. Total Requirements Operating and Maintenance Costs	er DDC Replace Confidence Le ew Automated Log	ement (P00708 vel: High gic direct digital of	31,376 0	Total Pro Original isting system us	oject Cost: Project Cost: es outdated har	31,376 31,376 dware and is become	Area: Objective: oming unstable.	Northea Replace Funded	st ement by General 31,376
Operating and Maintenance Costs NEW - Montavilla Community Center Project Description Replace existing Walker system with no Fund. Total Requirements	er DDC Replace Confidence Le ew Automated Log	ement (P00708 vel: High gic direct digital of 31,376 ment (P00709	31,376 0	Total Pro Original isting system us 0 0 Total Pro	oject Cost: Project Cost: es outdated har	31,376 31,376 dware and is become 0 0	Area: Objective: oming unstable.	Northea Replace Funded 0 0 Northea	st ement by General 31,376
Operating and Maintenance Costs NEW - Montavilla Community Center Project Description Replace existing Walker system with no Fund. Total Requirements Operating and Maintenance Costs	er DDC Replace Confidence Le ew Automated Log 0 r DDC Replace Confidence Le	ement (P00708 vel: High gic direct digital of 31,376 ment (P00709 vel: High	0 sontrol system. Ex 31,376 0	Total Pro Original isting system us 0 Total Pro Original	pject Cost: Project Cost: es outdated har pject Cost: Project Cost:	31,376 31,376 dware and is become 0 0 23,641 23,641	Objective: Objective: Area: Objective: Objective:	Northea Replace Funded 0 0	st ement by General 31,376 st ement
Operating and Maintenance Costs NEW - Montavilla Community Center Project Description Replace existing Walker system with no Fund. Total Requirements Operating and Maintenance Costs NEW - Peninsula Community Center Project Description Replace existing Walker system with no Replace existing with no Replace existin	er DDC Replace Confidence Le ew Automated Log 0 r DDC Replace Confidence Le	ement (P00708 vel: High gic direct digital of 31,376 ment (P00709 vel: High	0 sontrol system. Ex 31,376 0	Total Pro Original isting system us 0 Total Pro Original	pject Cost: Project Cost: es outdated har pject Cost: Project Cost:	31,376 31,376 dware and is become 0 0 23,641 23,641	Objective: Objective: Area: Objective: Objective:	Northea Replace Funded 0 0	st ement by General 31,376 st ement

Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget		d	5-Year Total
tilities, Roads & Trails									
NEW - Columbia Pool DDC Replace	ement (P00711)			Total Pro	oject Cost:	44,510	Area:	North	
	Confidence Lev	/el: High		Original	Project Cost:	44,510	Objective:	Replace	ment
Project Description Replace existing Walker system with n Fund.	new Automated Log	ic direct digital c	ontrol system. Ex	isting system us	es outdated ha	dware and is be	coming unstable.	Funded I	by General
Total Requirements	0	44,510	44,510	0		0	0	0	44,51
Operating and Maintenance Costs			0	0		0	0	0	
NEW - Multnomah Art Center DDC F	Replacment (P0	0712)		Total Pro	oject Cost:	35,754	Area:	Southwe	est
	Confidence Lev	vel: High		Original	Project Cost:	35,754	Objective:	Replace	ment
Project Description Replace existing Walker system with n Fund.	new Automated Log	ic direct digital c	ontrol system. Ex	isting system us	es outdated ha	rdware and is be	coming unstable.	Funded I	by General
Total Requirements	0	35,754	35,754	0		0	0	0	35,75
Operating and Maintenance Costs			0	0		0	0	0	
NEW - Mt. Scott Community Center	HVAC (P00713) Confidence Let				oject Cost: Project Cost:	818,000 818,000	Area: Objective:	Southea Replace	
Project Description Replace and upgrade the Mt. Scott Co	Confidence Lev	/el: High	on, and Air Condi	Original	Project Cost:	818,000	Objective:	Replace	
Project Description	Confidence Lev	/el: High	on, and Air Condi	Original	Project Cost:	818,000	Objective:	Replace	ment
Project Description Replace and upgrade the Mt. Scott Co	Confidence Le	vel: High Heating, Ventilati		Original	Project Cost:	818,000 d by one-time Ge	Objective:	Replace	ment
Project Description Replace and upgrade the Mt. Scott Co Total Requirements Operating and Maintenance Costs	Confidence Lea mmunity Center's I	vel: High Heating, Ventilati	818,000	Original ioning (HVAC) s	Project Cost:	818,000 d by one-time Ge	Objective: neral Fund discre	Replace etionary.	ment
Project Description Replace and upgrade the Mt. Scott Co Total Requirements Operating and Maintenance Costs	Confidence Lea mmunity Center's I	vel: High Heating, Ventilati 0	818,000	Original ioning (HVAC) s 0 0 Total Pre	Project Cost:	818,000 d by one-time Ge 0 0	Objective: neral Fund discre	Replace etionary. 0 0 North	818,00
Project Description Replace and upgrade the Mt. Scott Co Total Requirements	Confidence Lea	vel: High Heating, Ventilati 0 placment (P00 vel: High	818,000 0 0715)	Original ioning (HVAC) s 0 Total Pro	Project Cost: system. Funded pject Cost: Project Cost:	818,000 d by one-time Ge 0 0 107,262	Objective: neral Fund discre 0 0 Area: Objective:	Replace etionary. 0 0 North Replace	818,00 ment
Project Description Replace and upgrade the Mt. Scott Co Total Requirements Operating and Maintenance Costs NEW - Charles Jordan Community (Project Description Replace existing Walker DDC with new	Confidence Lea	vel: High Heating, Ventilati 0 placment (P00 vel: High	818,000 0 0715)	Original ioning (HVAC) s 0 Total Pro	Project Cost: pject Cost: Project Cost: outdated hard	818,000 d by one-time Ge 0 0 107,262	Objective: neral Fund discre 0 0 Area: Objective:	Replace etionary. 0 0 North Replace	818,000 ment General
Project Description Replace and upgrade the Mt. Scott Co Total Requirements Operating and Maintenance Costs NEW - Charles Jordan Community (Project Description Replace existing Walker DDC with new Fund.	Confidence Let mmunity Center's I 0 Center DDC Re Confidence Let v Automated Logic	vel: High Heating, Ventilati	818,000 0 0715) htrol system. Exist	Original ioning (HVAC) s 0 Total Pro Original ing system uses	Project Cost: pject Cost: Project Cost: outdated hards	818,000 d by one-time Ge 0 0 107,262 107,262 ware and is beco	Objective: neral Fund discre 0 0 Area: Objective:	Replace etionary. 0 0 North Replace	818,000 ment General
Project Description Replace and upgrade the Mt. Scott Co Total Requirements Operating and Maintenance Costs NEW - Charles Jordan Community (Project Description Replace existing Walker DDC with new Fund. Total Requirements	Confidence Let mmunity Center's I 0 Center DDC Re Confidence Let v Automated Logic 0	vel: High Heating, Ventilati	818,000 0 07715) introl system. Exist 107,262 0	Original Oniginal Total Pro Original ing system uses	Project Cost: pject Cost: Project Cost: outdated hards	818,000 d by one-time Ge 0 0 107,262 107,262 ware and is beco	Objective: neral Fund discre 0 0 Area: Objective: ming unstable. F	Replace etionary. 0 0 North Replace unded by 0 0	818,000 ment General
Project Description Replace and upgrade the Mt. Scott Co Total Requirements Operating and Maintenance Costs NEW - Charles Jordan Community (Project Description Replace existing Walker DDC with new Fund. Total Requirements Operating and Maintenance Costs	Confidence Let mmunity Center's I 0 Center DDC Re Confidence Let v Automated Logic 0	vel: High Heating, Ventilati placment (P00 vel: High direct digital cor 107,262 acement (P00	818,000 0 07715) introl system. Exist 107,262 0	Original ioning (HVAC) s 0 Total Pro Original ing system uses 0 Total Pro	Project Cost: pject Cost: Project Cost: outdated hards	818,000 d by one-time Ge 0 0 107,262 107,262 ware and is beco	Objective: neral Fund discre 0 0 Area: Objective: ming unstable. F	Replace etionary. 0 0 North Replace 0 0 East	ment 818,000 ment General 107,262
Project Description Replace and upgrade the Mt. Scott Co Total Requirements Operating and Maintenance Costs NEW - Charles Jordan Community (Project Description Replace existing Walker DDC with new Fund. Total Requirements Operating and Maintenance Costs	Confidence Let mmunity Center's I 0 Center DDC Re Confidence Let w Automated Logic 0 enter DDC Repl. Confidence Let	vel: High Heating, Ventilati placment (P00 vel: High direct digital cor 107,262 acement (P00 vel: High	818,000 0 0715) introl system. Exist 107,262 0	Original ioning (HVAC) s 0 Total Pro Original ing system uses 0 Total Pro Original	Project Cost: Project Cost: Project Cost: outdated hards pject Cost: Project Cost:	818,000 d by one-time Ge 0 0 107,262 107,262 ware and is beco 0 0	Objective: neral Fund discre 0 0 Area: Objective: ming unstable. F 0 0 Area: Objective:	Replace etionary. 0 0 North Replace unded by 0 0 East Replace	ment 818,000 ment General 107,263
Project Description Replace and upgrade the Mt. Scott Co Total Requirements Operating and Maintenance Costs NEW - Charles Jordan Community (Project Description Replace existing Walker DDC with new Fund. Total Requirements Operating and Maintenance Costs NEW - East Portland Community Ce Project Description Replace existing Walker DDC with new Costs	Confidence Let mmunity Center's I 0 Center DDC Re Confidence Let w Automated Logic 0 enter DDC Repl. Confidence Let	vel: High Heating, Ventilati placment (P00 vel: High direct digital cor 107,262 acement (P00 vel: High	818,000 0 0715) introl system. Exist 107,262 0	Original ioning (HVAC) s 0 Total Pro Original ing system uses 0 Total Pro Original	pject Cost: Project Cost: outdated hards pject Cost: outdated hards outdated hards	818,000 d by one-time Ge 0 0 107,262 107,262 ware and is beco 0 0	Objective: neral Fund discre 0 0 Area: Objective: ming unstable. F 0 0 Area: Objective:	Replace etionary. 0 0 North Replace unded by 0 0 East Replace	ment 818,000 ment General 107,262

Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget	FY 2019-2 Estimated Budget	d	5-Year Total
Jtilities, Roads & Trails									
NEW - SW Community Center - DDC	Replacement Confidence Le	` '			oject Cost: Project Cost:	60,563	Area: Objective:	Southwe	
Project Description Replace existing Walker DDC with new Fund.		Ü	ntrol system. Exist	-	•		-	·	
Total Requirements	0	60,563	60,563			0	0	0	60,563
Operating and Maintenance Costs		23,333	0	C		0	0	0	,
NEW - Westmoreland Park Skavone	Stadium Ligh	ting (P00724)		Total Pr	oject Cost:	828,000	Area:	Southea	st
	Confidence Le	vel: High		Original	Project Cost:	828,000	Objective:	Replace	ment
Project Description Replace Westmoreland Park-Sckavone	e Stadium lighting	. Funded by one	-time General Fun	d discretionary.					
Total Requirements	0	0	828,000	C		0	0	0	828,000
Operating and Maintenance Costs			0	C		0	0	0	
Marine Drive Trail Gaps (P10021)	Confidence Le	vel: Moderate			oject Cost: Project Cost:	3,804,563 3,804,563	Area: Objective:	Northeas	
Project Description Complete several remaining gaps in the Development Charges. The project is for									
both the Parks portion of costs in additi	ion to the grant fu				ation (i Bo i) to	,	ital project cost t	of \$3,804,	
	ion to the grant ful 34,986					0	0	0	563 reflects
both the Parks portion of costs in additi		nding that is budg	geted in PBOT's bu	ıdget.					563 reflects
both the Parks portion of costs in additi	34,986	nding that is budg	geted in PBOT's bu	odget.		0	0	0	563 reflects 66,002
both the Parks portion of costs in additional Total Requirements Operating and Maintenance Costs	34,986	nding that is budg	geted in PBOT's bu	odget.	, ,	1,270,009	0	0 0 Southea	563 reflects 66,002
both the Parks portion of costs in addition of cost	34,986 (P10231) Confidence Le	nding that is budg 159,078 vel: Moderate	eted in PBOT's bu 66,002 0	Total Pr	oject Cost: Project Cost:	0 0 1,270,009 1,270,009	0 0 Area: Objective:	0 0 Southea GRO: Ex	66,002 st
both the Parks portion of costs in additional requirements Operating and Maintenance Costs Springwater Corridor Sellwood Gap Project Description Grant awarded to build remaining 1 miles	34,986 (P10231) Confidence Le	nding that is budg 159,078 vel: Moderate	eted in PBOT's bu 66,002 0	Total Pr	oject Cost: Project Cost: mbination rail wi	0 0 1,270,009 1,270,009	0 0 Area: Objective:	0 0 Southea GRO: Ex	66,002 st kpand stem
both the Parks portion of costs in additional Requirements Operating and Maintenance Costs Springwater Corridor Sellwood Gap Project Description Grant awarded to build remaining 1 mill Development Charges.	34,986 (P10231) Confidence Le	159,078 vel: Moderate	eted in PBOT's bu 66,002 0 th Avenue to SE L	Total Pr Original	oject Cost: Project Cost: mbination rail w	0 0 1,270,009 1,270,009 th trail. Funded b	0 0 Area: Objective:	0 0 Southea GRO: Ex	66,002 st kpand stem
both the Parks portion of costs in additional Requirements Operating and Maintenance Costs Springwater Corridor Sellwood Gap Project Description Grant awarded to build remaining 1 mill Development Charges. Total Requirements	34,986 (P10231) Confidence Le	vel: Moderate I gap from SE 19	th Avenue to SE L	Total Professional Total Profession Total Profession Total Profession Total Profession Control Profession Co	oject Cost: Project Cost: mbination rail w	0 0 1,270,009 1,270,009 th trail. Funded b 0 0	O Area: Objective: Oy a Federal Gra O	0 0 Southea GRO: Ex unt and Sy 0 0	st spand stem 551,350
both the Parks portion of costs in additional Requirements Operating and Maintenance Costs Springwater Corridor Sellwood Gap Project Description Grant awarded to build remaining 1 mill Development Charges. Total Requirements Operating and Maintenance Costs	34,986 (P10231) Confidence Le e Springwater trai 63,625 Confidence Le	vel: Moderate 284,893 vel: Moderate	th Avenue to SE L 551,350 6,000	Total Profiginal Total Profiginal Total Profiginal	oject Cost: Project Cost: mbination rail wi	0 0 1,270,009 1,270,009 th trail. Funded b 0 0 60,000	O Area: Objective: O Area: Objective:	0 0 Southea GRO: Ex unt and Sy 0 0	st xpand stem 551,350
Development Charges. Total Requirements Operating and Maintenance Costs Springwater Corridor Sellwood Gap Project Description Grant awarded to build remaining 1 mill Development Charges. Total Requirements Operating and Maintenance Costs April Hill Park Trail Match (P10445) Project Description	34,986 (P10231) Confidence Le e Springwater trai 63,625 Confidence Le	vel: Moderate 284,893 vel: Moderate	th Avenue to SE L 551,350 6,000	Total Profiginal Total Profiginal Total Profiginal	pject Cost: Project Cost: mbination rail with piect Cost: Project Cost: velopment of a	0 0 1,270,009 1,270,009 th trail. Funded b 0 0 60,000	O Area: Objective: O Area: Objective:	0 0 Southea GRO: Ex unt and Sy 0 0	st kpand stem 551,350

Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget	FY 2019-2 Estimate Budget	d	5-Year Total
Itilities, Roads & Trails									
N Portland Greenway Trail Crossing	j (P10461)			Total Pro	oject Cost:	200,000	Area:	North	
	Confidence Le	evel: Moderate		Original	Project Cost:	200,000	Objective:	GRO: N	ew
Project Description Construction of a grade-separated cros Columbia Boulevard. System Developr							r the North Portl	and Gree	nway trail at
Total Requirements	0	300,000	200,000	0		0	0	0	200,000
Operating and Maintenance Costs			0	0		0	0	0	
Colwood Parking and ROW Improve	ements (P1046			Total Pro	oject Cost:	656,000	Area:	Northea	st
	Confidence Lo	evel: Moderate		Original	Project Cost:	656,000	Objective:	GRO: E	xpand
Project Description Improvements to the Colwood property	adding a parking	lot and right of w	ay improvements.	Funding provid	ed by System D	evelopment Cha	rges.		
Total Requirements	0	656,000	100,000	0		0	0	0	100,000
Operating and Maintenance Costs			0	0		0	0	0	
Project Description Develop access and circulation entrywa from System Development Charges.	Confidence Le	evel: Moderate	eptual plan for the	Original	pject Cost: Project Cost: at Whitaker Pon		Objective:		xpand
Total Requirements	0	850,077	922,657	0		0	0	0	922,657
Operating and Maintenance Costs	Ü	000,017	0	37,000				,000	022,007
NEW - Mt Tabor Park South Access	Trail (P10472)			Total Pro	oject Cost:	500,000	Area:	Southea	ıst
NEW - Mt Tabor Park South Access	` ,	evel: Moderate			oject Cost: Project Cost:	,	Area: Objective:		
NEW - Mt Tabor Park South Access Project Description Develop access and circulation entrywards	Confidence Le		-unded by System	Original	Project Cost:	,			
Project Description	Confidence Le		Funded by System 500,000	Original	Project Cost:	,			
Project Description Develop access and circulation entrywa	Confidence Le	de of Mt Tabor. F		Original Development C	Project Cost:	500,000	Objective:	GRO: E	xpand
Project Description Develop access and circulation entrywa Total Requirements	Confidence Lease ay on the south si	de of Mt Tabor. F	500,000	Original Development C 0	Project Cost:	500,000	Objective:	GRO: E	500,000
Project Description Develop access and circulation entrywa Total Requirements Operating and Maintenance Costs	Confidence Lease ay on the south si	de of Mt Tabor. F	500,000	Original Development C 0 Total Pro	Project Cost:	500,000 0 0 807,300	Objective: 0 0 Area:	O O Central	500,000 City
Project Description Develop access and circulation entrywa Total Requirements Operating and Maintenance Costs	ay on the south si 0 ng & Repair (Poundidence Lett Ramp. An Oreg	de of Mt Tabor. F 0 20407) evel: Moderate on State Marine B	500,000 0 Board grant will he	Original Development C 0 Total Pro Original	Project Cost: harges. pject Cost: Project Cost: ward the repair	500,000 0 0 807,300 465,759	Objective: Ohjective:	0 0 Central	500,000 City ance & Repa
Project Description Develop access and circulation entrywa Total Requirements Operating and Maintenance Costs Willamette Park Boat Ramp Dredgin Project Description Improvements to Willamette Park Boat	ay on the south si 0 ng & Repair (Poundidence Lett Ramp. An Oreg	de of Mt Tabor. F 0 20407) evel: Moderate on State Marine B	500,000 0 Board grant will he	Original Development C 0 Total Pro Original	Project Cost: harges. pject Cost: Project Cost: ward the repair ed.	500,000 0 0 807,300 465,759	Objective: Ohjective:	0 0 Central	500,000 City ance & Repa

apital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget	FY 2019-2 Estimate Budget	d 5	-Year Total
tilities, Roads & Trails									
NEW - Portland Childrens Museum	•				roject Cost:	136,094		Northwes	
	Confidence L	evel: Moderate		Origina	I Project Cost:	136,094	Objective:	Replacem	nent
Project Description Replace existing Walker DDC with new Fund major maintenance allocation	v Automated Log	ic direct digital co	ntrol system. Exi	sting system use	s outdated hard	ware and is becon	ning unstable. F	unded by th	ne Genera
Total Requirements	0	0	0	(0 136,0	94	0	0	136,09
Operating and Maintenance Costs			0	(0	0	0	0	
NEW - St Johns Community Center	DDC Replace	ment (P20454)		Total Pr	roject Cost:	90,951	Area:	North	
	Confidence L	evel: Moderate		Origina	I Project Cost:	90,951	Objective:	Replacem	nent
Project Description									
Replace existing Walker DDC with new Fund major maintenance allocation.	v Automated Log	ic direct digital co	ntrol system. Exi	sting system use	s outdated hard	ware and is becon	ning unstable. F	unded by th	ne Genera
Total Requirements	0	0	0	(90,9	51	0	0	90,95
Operating and Maintenance Costs			0	(0	0	0	0	
NEW - Hillside Community Center D	DC Replacem	nent (P20455)		Total Pr	roject Cost:	56,428	Area:	Northwes	t
	Confidence L	evel: Moderate		Origina	l Project Cost:	56,428	Objective:	Replacem	nent
Project Description Replace existing Walker DDC with new Fund major maintenance allocation.	v Automated Log	ic direct digital cor	ntrol system. Exi	sting system use	s outdated hard	ware and is becon	ning unstable. F	unded by th	ne Genera
Total Requirements	0	0	0	(0 56,4	-28	0	0	56,42
Operating and Maintenance Costs			0	(0	0	0	0	
NEW - Washington Park Sewer Rep	lacement (P20	0456)		Total Pr	roject Cost:	1,497,600	Area:	Northwes	t
	Confidence L	evel: Moderate		Origina	l Project Cost:	1,497,600	Objective:	Replacem	nent
Project Description									
The 10,000+ feet of sanitary and storm facilities, and contamination issues. Th								backed-up	restroom
Total Requirements	0	0	0	60,000	0 254,8	23	0 1,079	,885	1,394,70
Operating and Maintenance Costs			0	(0	0	0	0	
NEW - Leif Erikson Culvert Repairs	(P20457)			Total Pr	roject Cost:	345,000	Area:	Northwes	t
•	Confidence L	evel: Moderate		Origina	l Project Cost:	345,000	Objective:	Replacem	nent
Project Description Replace six culverts identified as failing			ın interagency ag	reement with BE	S. BES to provid	de 50% match from	m Watershed In	vestment F	und. Parks
			in interagency ag				m Watershed In	vestment F	und. Parks

		Capital IIII	provenient	r iaii Suiiiii	iaries				
Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget		FY 2019-2 Estimate Budget	d	5-Year Total
Utilities, Roads & Trails									
NEW - Maple Trail Bridge Replacme	ent (P30025)			Total Pr	oject Cost:	570,195	Area:	Northw	est
	Confidence I	Level: High		Origina	Project Cost:	570,195	Objective:	Replace	ement
Project Description Replace bridge and bridge abutments of stream-bank restoration may be needed passed in November 2014.									
Total Requirements	0	15,000	228,078	42,76	5 299,3	352	0	0	570,19
Operating and Maintenance Costs			0	()	0	0	0	
NEW - Macleay Park Trail Bridges (F	P30026)			Total Pr	oject Cost:	972,458	Area:	Northw	est
	Confidence I	Level: High		Origina	l Project Cost:	972,458	Objective:	Replace	ement
Project Description									
Repair or replace two to four bridges on The exact crossing configurations may permit process. Fully restore the existi	need to be reali	gned to protect the	e stream system, a	and some trail re	alignment and	stream-bank resto	ration may be ne		
Total Requirements	0	15,000	388,983	72,93	510,5	541	0	0	972,45
Operating and Maintenance Costs			0	()	0	0	0	
NEW - Bond Trail Projects (P30034)				Total Pr	oject Cost:	2,366,241	Area:	Citywid	e
	Confidence I	Level: Moderate		Origina	l Project Cost:	2,366,241	Objective:	Mainter	nance & Rep
Project Description Preserve access to natural areas and of Funded by general obligation bonds, page 1			and trails. Project s	scoping is in prod	ess, and first b	ond issuance amo	ount to be detern	nined by	spring 2015.
Total Requirements	0	0	0	650,716	6 473,2	248 1,242,2	277	0	2,366,24
Operating and Maintenance Costs			0	()	0	0	0	
NEW - Lynchview Park Irrigation (P	30106)			Total Pr	oject Cost:	181,635	Area:	East	
	Confidence I	Level: High		Origina	l Project Cost:	181,635	Objective:	Replace	ement
Project Description									
Replace non-functioning irrigation syste weather based central irrigation control general obligation bonds, passed in No	l platform. Includ								
Total Requirements	0	0	0	27,24	5 63,5	572 90,8	318	0	181,63
Operating and Maintenance Costs			0	()	0	0	0	

		Capital Im	provement	Plan Summ	naries				
Capital Program	Prior	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-	20	
Project	Years	Revised	Adopted	Estimated	Estimated	Estimated	Estimate	d	5-Year
	Capital	Budget	Budget	Budget	Budget	Budget	Budget		Total
ustomer Service									
Security and Emergency Mgt (WBC	SSE)			Total Pr	oject Cost:	Ongoing	Area:	Undete	ermined
	Confidence Le	evel: Optimal		Original	Project Cost:	Ongoing	Objective:	Mainte	nance & Rep
Project Description									
The bureau is committed to increasing practices and infrastructure. Projects fu water distribution system and control/c project funding is from a combination c and interest earnings.	unded by this bud ommunications sy	get will include plestem. In the FY	nysical security im 2015-16 Adopted	provements to m Budget, the fund	ajor and smalle ng requested is	er facilities as well s for camera and o	as improved se other technology	curity in t improve	he overall ments. The
Total Requirements	0	0	63,000	63,000	63,0	000 63,0	000 63	3,000	315,000
Operating and Maintenance Costs			0	()	0	0	0	
istribution									
Fulton Pump Station Improvements	(W01358)			Total Pr	oject Cost:	15,090,000	Area:	Southv	vest .
•	Confidence Le	evel: High		Original	Project Cost:	11,647,000	Objective:	Replac	ement
Project Description									
outage due to failure. Major studies rec (2007), and the Fulton Pump Station In facility located in Willamette Park. In F sales revenue and other construction	nprovements Proj Y 2015-16, this pr	ect Basis of Desi oject will begin c	ign Report (2007). onstruction. The p	This project will roject funding is	replace the 12- from a combina	million-gallon per	day Fulton Pum	p Station	with a new
Total Requirements	3,140,000	1,380,000	7,730,000	3,630,000)	0	0	0	11,360,000
Operating and Maintenance Costs			0	()	0	0	0	
Interstate Facility Rehabilitation (W	01400)			Total Pr	oject Cost:	49,370,000	Area:	Centra	l City
,	Confidence Le	evel: High		Original	Project Cost:		Objective:	Replac	ement
Project Description									
Two new buildings will replace the 85-yimprove vehicle and employee circulating Master planning from 2000 –2006 devenas created the basis for the design of proceeds from revenue bond sales, was	ion and bring the peloped the baseling the facility now ur	property up to cu e requirements f ader construction	rrent code require or current and lon . In FY 2015-16, t	ments for stormw g-term needs. Re nis project will co	ater managem ecent updates to ntinue construc	ent and landscapi the master plan tion. The project t	ng and improve and additional p unding is from a	seismic rogram s	resiliency. summary worl
Total Requirements	28,720,000	16,248,390	4,498,000	()	0	0	0	4,498,000
Operating and Maintenance Costs			0	()	0	0	0	
NEW - Greenleaf Pump Station (W0	1446)			Total Pr	oject Cost:	1,710,000	Area:	Northw	est
	Confidence Le	evel: Low		Original	Project Cost:	1,710,000	Objective:	Replac	ement
Project Description									
Greenleaf Pump Station will be improv Greenleaf pump station improvements									

pumps for normal distribution needs and two large pumps for fire protection. In FY 2015-16, this project will restart design. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue and other construction fund revenues such as system development charges and interest earnings.

Total Requirements	140,000	90,000	300,000	140,000	1,000,000	40,000	0	1,480,000
Operating and Maintenance Costs			0	0	0	0	0	

Capital Improvement Plan Summaries

		Capital imp	provement i	Pian Sumn	iaries				
Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget			d	5-Year Total
Distribution									
Sellwood Bridge (W01547)	Confidence Le	evel: High			oject Cost: I Project Cost:	730,000 2,500,000	Area: Objective:	Southwe Mandate	
Project Description This project was requested by Multnon assemblies. In FY 2014-15, the project project is completed, the asset value we project funding is from reimbursements.	t will complete cor vill be transferred t	nstruction. Total o	f all water work is	\$2.5 million, with	h Multnomah C	ounty paying more	e than \$2 million	directly. W	Vhen the
Total Requirements	440,000	280,000	1,000	()	0	0	0	1,000
Operating and Maintenance Costs			0	()	0	0	0	
Willamette River Pipe Crossing (W0)1590)			Total Pr	oject Cost:	56,150,000	Area:	Central (City
	Confidence Le	evel: Low		Origina	l Project Cost:	57,000,000	Objective:	Replace	ment
Project Description									
The project provides for the replaceme downtown and the storage reservoirs a existing Willamette River crossings, ar from a combination of net proceeds fro earnings.	at Washington Par nd new transmissi	k. The project wi	II include construct sides of the Willa	ction of a new se mette River. In F	eismically streng FY 2015-16, this	thened river cros project will be co	sing to replace of ontinuing design.	ne or two The proje	of the ct funding i
Total Requirements	680,000	400,000	2,020,000	11,950,000	35,700,0	5,415,	000	0	55,085,000
Operating and Maintenance Costs			0	()	0	0	0	
Raymond Tank Supply Improve. (W	01651)			Total Pr	oject Cost:	890,000	Area:	Southea	st
	Confidence Le	evel: Optimal		Origina	l Project Cost:	610,000	Objective:	Efficienc	у
Project Description This project will design and construct in Washington County Supply Line connected from the Pump Station will be disconnected from the revenue bond sales, water sales revenue.	ection, instrumenta m the distribution s	ation, flow meter, system. In FY 20	regulating and co 15-16, this project	ntrol valves, valv will finish const	ve vaults, pipe, ruction. The pro	and various appu eject funding is fro	rtenances. In ado om a combination	dition, the	Gilbert
Total Requirements	94,000	550,000	83,000	()	0	0	0	83,000
Operating and Maintenance Costs			0	()	0	0	0	
SW Nevada and Macadam (W01665)			Total Pr	oject Cost:	660,000	Area:	Southwe	est
	Confidence Le	evel: High		Origina	l Project Cost:	690,000	Objective:	Replace	ment
Project Description									
This project will replace 370 feet of 12- was installed in 1942 and has been no impact the existing distribution mains i limit the extent of customer water outa- sales, water sales revenue and other of	ted to be in poor on Nevada Street. ' ges. In FY 2015-1	condition. This rep Work will also be 6, this project will	placement will be or required in Macac continue construct	coordinated with dam Avenue in c ction. The projec	the Fulton Pun order to abandon t funding is fron	np Station Replace In the existing dist In a combination c	ement project (W ribution main in N	V01358) w Nevada St	hich will reet, and
Total Requirements	60,000	232,000	284,000	5,000)	0	0	0	289,000

0

0

0

0

0

Capital Improvement Plan Summaries

		Capital im	provement	Pian Sumn	iaries				
Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget			ed 5-\	Year otal
Distribution									
Cornell Road Services to Macleay (W01682)			Total Pi	oject Cost:	830,000	Area:	Northwest	
	Confidence Lo	evel: Low		Origina	l Project Cost:	830,000	Objective:	Expansion	
Project Description									
PWB and Parks have agreed to constructed in 1931. This project will re finalize design and begin construction. revenues such as system developmen	eplace this main w The project fundi	vith about 1.5 mile ng is from a coml	es polyethylene pla	astic main in Co	nell Road from	Skyline Boulevard	d. In FY 2015-16	6, the project v	will
Total Requirements	20,000	119,000	607,000	75,00)	0	0	0	682,00
Operating and Maintenance Costs			0	()	0	0	0	
Tabor Pump Station Improvements	(W01757)			Total Pi	oject Cost:	270,000	Area:	Northeast/S	Southeas
	Confidence Lo	evel: Moderate		Origina	l Project Cost:	550,000	Objective:	Efficiency	
Project Description									
As part of the 2007 Distribution Systen outage. A new generator and related in electrical outages and prevention of poservice. In FY 2015-16, this project with construction fund revenues such as sy	mprovements wer otential boil-water Il complete constr stem developmen	e recommended events. This proje- uction. The proje- nt charges and int	in the subsequent ect will install one et funding is from erest earnings.	Tabor 590 PS 0 permanent 300- a combination of	Generator Techi kilowatt emerge i net proceeds f	nical Memorandun ency standby gene from revenue bond	n to address the rator to power th d sales, water sa	risks associa ne entire elect les revenue a	ated with trical and other
Total Requirements	40,000	150,000	5,000		0	0	0	0	5,000
Operating and Maintenance Costs			0		0	0	0	0	
DS - UPRR East Portland (W01823)				Total Pi	oject Cost:	830,000	Area:	Northeast	
	Confidence Lo	evel: Optimal		Origina	l Project Cost:	830,000	Objective:	Mandated	
Project Description									
A new section of Union Pacific (UP) ra analysis shows a break would result in of replacement main in NE 2nd Ave. Ir bond sales, water sales revenue and o	significant damagn FY 2015-16, the	ge to the railroad project will comp	with high consequence on the construction a	ences due to the and closeout. Th	e possible interr e project fundin	ruption of rail traffi g is from a combin	c. PWB will instanation of net pro	all the about 1 ceeds from re	1,500 ft. evenue
Total Requirements	3,600	823,000	2,000	()	0	0	0	2,00
Operating and Maintenance Costs			0	()	0	0	0	
SE Flavel St from Henderson (W018	340)			Total Pi	oject Cost:	640,000	Area:	Southeast	
	Confidence Lo	evel: Low		Origina	l Project Cost:	640,000	Objective:	Replaceme	ent
Project Description									
Two existing sections dead-end 4-inch suppress fires. In FY 2015-16, the proj sales revenue and other construction f	ect will complete	design and start of	construction. The	oroject funding is	from a combin				
Total Requirements	0	79,000	543,000	5,00)	0	0	0	548,00

0

0

0

0

0

Capital Improvement Plan Summaries

		Capital Im	provement	Plan Summ	naries				
Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget			ed !	5-Year Total
Distribution									
SW Bancroft Terr near Terwilliger (V	V01841)			Total Pr	oject Cost:	490,000	Area:	Southwe	st
	Confidence L	evel: Low		Original	Project Cost:	490,000	Objective:	Replacer	nent
Project Description									
The existing 2-inch galvanized main ha damage. The project will install about 8 is from a combination of net proceeds f earnings.	300 feet of main.	Project will also in	nclude installation	of 2 new hydrant	s. În FY 2015-1	6, this program w	rill continue desig	gn. The pro	oject fundir
Total Requirements	0	102,000	78,000	306,000)	0	0	0	384,00
Operating and Maintenance Costs			0	()	0	0	0	
N Jantzen Ave west of Pavilion (W0	1842)			Total Pr	oject Cost:	1,290,000	Area:	North	
•	Confidence L	evel: Low		Original	Project Cost:		Objective:	Replacer	ment
Project Description									
asbestos-concrete and plastic water lin net proceeds from revenue bond sales. Total Requirements		enue and other co	onstruction fund re 59,000	1,135,000	system develop	oment charges and	d interest earning	gs. 0	1,209,00
Operating and Maintenance Costs			0	()	0	0	0	
NEW - Council Crest Tank Roof (W0	1848)			Total Pr	oject Cost:	700,000	Area:	Southwe	st
	Confidence L	evel: Low		Original	Project Cost:	700,000	Objective:	Replacer	ment
Project Description									
Council Crest Tank is the highest-eleva above the water storage level, there is notice, frequent outages, and reactive project funding is from a combination o and interest earnings.	a high risk of roc repair costs. This	of collapse from the project will replace	e effects of an ear	thquake or an ice est Tank roof and	e or wind storm I upper wall she	. Roof failure coul ell. In FY 2015-16,	ld result in a long this project will l	g-term boil begin desig	water gn. The
Total Requirements	0	0	95,000	163,000) 442,0	000	0	0	700,00
Operating and Maintenance Costs			0	()	0	0	0	
NEW - SW Flower Terrace at Dosch	(W01865) Confidence L	Level: Low			oject Cost: Project Cost:	541,000 550,000	Area: Objective:	Southwe:	
Project Description									
The existing 4-inch main is in poor concast iron main with 6-inch main, renew proceeds from revenue bond sales, wa	35 1-inch servic	es, and install 3 h	ydrants. In FY 201	5-16, this project	t will begin desi	gn. The project fu	nding is from a c		
Total Requirements	0	0	60,000	458,000) 23,0	000	0	0	541,00

0

0

0

0

0

Capital Program	Prior	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-	19	FY 2019-2	0	
Project	Years Capital	Revised Budget	Adopted Budget	Estimated Budget	Estimated Budget		ed	Estimated Budget		5-Year Total
Distribution										
NEW - Verde Vista PS Improvement	ts (W01883)			Total P	oject Cost:	1,040,00	0	Area:	Southv	vest
	Confidence Le	vel: Low		Origina	l Project Cost:	1,040,000	•	Objective:	Mainte	nance & Rep
Project Description This project increases system reliability Area when Hoyt Pump Station supply is and the existing Burnside Pump Station design. The project funding is from a condevelopment charges and interest earn	s out of service. In n to be decommiss ombination of net	nprovements recisioned. The sta	commended by PV tion will be fitted w	WB planning staf	f will allow the s I pumps and pip	tation to deliver ping improveme	water t	to the Pittocl FY 2015-16,	k and Ca the pro	alvary Tanks ject will begi
Total Requirements	0	0	65,000	100,00	0 800,0	000 7	5,000		0	1,040,00
Operating and Maintenance Costs			0	1)	0	0		0	
Distribution Mains (WBDIDM)				Total P	oject Cost:	Ongoin	g	Area:	Citywic	le
, ,	Confidence Le	vel: Optimal		Origina	Project Cost:	Ongoing		Objective:	Replac	ement
Project Description										
bid. Many projects in this program prov Environmental Services, roadway conf Transportation. Other bureaus reimbur	iguration changes, se a portion of the	pavement over	lays, and bridge ir	nprovements for	Portland Burea	u of Transporta	tion and	d the Oregor	n Depart	
distribution mains projects. Many of the contract mains including SW Bancroft proceeds from revenue bond sales, wa revenue.	Terrace at Terwilli	ing number of p ger and a projec	etitions mains sup at to construct the	porting new deve Portland Heights	elopment. Also, Pump Main By	the bureau expoass. The proje	ects to ct fundi	complete de ing is from a	sign of a combin	several ation of net
contract mains including SW Bancroft proceeds from revenue bond sales, was	Terrace at Terwilli	ing number of p ger and a projec	etitions mains sup et to construct the truction fund reve	porting new deve Portland Heights nues such as sys	elopment. Also, Pump Main By tem developme	the bureau expoass. The projeent charges and	ects to ct fundi interes	complete de ing is from a	esign of a combin s well as	several ation of net s interagenc
contract mains including SW Bancroft proceeds from revenue bond sales, wa revenue.	Terrace at Terwilli	ing number of p ger and a projec and other cons	etitions mains sup et to construct the truction fund reve	porting new deve Portland Heights nues such as sys 16,342,10	elopment. Also, Pump Main By tem developme	the bureau expoass. The projeent charges and	ects to ct fundi interes	complete de ing is from a st earnings a	esign of a combin s well as	several lation of net s interagence
contract mains including SW Bancroft proceeds from revenue bond sales, wa revenue. Total Requirements	Terrace at Terwilli	ing number of p ger and a projec and other cons	etitions mains sup et to construct the truction fund reve	porting new deve Portland Heights nues such as sys 16,342,10	elopment. Also, Pump Main Byr tem developme	the bureau exposess. The project charges and	ects to ct fundi interes 5,500	complete de ing is from a st earnings a 19,015,	esign of a combin s well as 500	several ation of net s interagend 89,662,25
contract mains including SW Bancroft proceeds from revenue bond sales, wa revenue. Total Requirements Operating and Maintenance Costs	Terrace at Terwilli	ing number of p ger and a projec and other cons 7,035,981	etitions mains sup et to construct the truction fund reve	porting new deve Portland Heights nues such as sys 16,342,10	Alopment. Also, Pump Main Byr tem developme 0 19,015,5	the bureau exposass. The project that charges and 19,019	ects to ct fundi interes 5,500 0	complete deing is from a st earnings a 19,015,	esign of a combin s well as 500 0	several ation of net s interagenc 89,662,25
contract mains including SW Bancroft proceeds from revenue bond sales, wa revenue. Total Requirements Operating and Maintenance Costs	Terrace at Terwilling ter sales revenue, 0 Confidence Le coment and facilities program. The program. The program of the progr	ring number of p ger and a projec and other cons 7,035,981 vel: Optimal s that the bureau eject funding is f	etitions mains sup to construct the truction fund reve 16,273,650 0	porting new dever Portland Heights nues such as sys 16,342,10 Total Proprieta Origina or maintain and open process.	Poject Cost: Project Cost: Derate the water	the bureau exposass. The project of the horizontal charges and the second of the project of the	ects to ct fundi interes 5,500 0	complete deing is from a st earnings a 19,015, Area: Objective:	esign of combins well as swell as 500 0 Citywice Mainte	several ation of net s interagenc 89,662,25 de nance & Rep
contract mains including SW Bancroft proceeds from revenue bond sales, wa revenue. Total Requirements Operating and Maintenance Costs Field Support (WBDIFS) Project Description This program funds the supplies, equip and vehicles are managed through this	Terrace at Terwilling ter sales revenue, 0 Confidence Le coment and facilities program. The program. The program of the progr	ring number of p ger and a projec and other cons 7,035,981 vel: Optimal s that the bureau eject funding is f	etitions mains suptress to construct the truction fund reverse 16,273,650 0 or field crews use turn a combination gs.	porting new development of the proceeds of the proceed of the proceeds of the proceeds of the proceeds of the	Poperate the water from revenue belopment. Also, Pump Main By, item development. 19,015,500000000000000000000000000000000	the bureau exposass. The project of	ects to ct fundi interes 5,500 0	complete deing is from a st earnings a 19,015, Area: Objective:	esign of combins well as 500 0 Citywic Mainte	several ation of net s interagenc 89,662,25 de nance & Rep n equipment construction
contract mains including SW Bancroft proceeds from revenue bond sales, we revenue. Total Requirements Operating and Maintenance Costs Field Support (WBDIFS) Project Description This program funds the supplies, equip and vehicles are managed through this fund revenues such as system development.	Terrace at Terwilliater sales revenue, 0 Confidence Le ment and facilities program. The proposed program and charges and	ring number of p ger and a projec and other cons 7,035,981 vel: Optimal s that the bureau eject funding is f interest earning	etitions mains suptress to construct the truction fund reverse 16,273,650 0 or field crews use turn a combination gs.	porting new dever Portland Heights nues such as sys 16,342,10 Total Prooriginary or maintain and on of net proceeds 3,769,50	Poperate the water from revenue belopment. Also, Pump Main By, item development. 19,015,500000000000000000000000000000000	the bureau exposass. The project of	ects to ct fundi interes 5,500 0 g	complete deing is from a st earnings a 19,015, Area: Objective:	esign of combins well as 500 0 Citywic Mainte	several ation of net s interagenc 89,662,25 de nance & Re
contract mains including SW Bancroft proceeds from revenue bond sales, wa revenue. Total Requirements Operating and Maintenance Costs Field Support (WBDIFS) Project Description This program funds the supplies, equip and vehicles are managed through this fund revenues such as system develop Total Requirements	Terrace at Terwilliater sales revenue, 0 Confidence Le ment and facilities program. The proposed program and charges and	ring number of p ger and a projec and other cons 7,035,981 vel: Optimal s that the bureau eject funding is f interest earning	etitions mains supt to construct the truction fund reverse 16,273,650 0 in the field crews use the truction a combination gs.	porting new dever Portland Heights nues such as sys 16,342,10 Total Proriginal or maintain and on of net proceeds 3,769,50	Project Cost: I Project Cost: Derate the water from revenue be a 3,769,5	the bureau exposass. The project of	ects to ct fundi interes 5,500 0 g ureau's er sales 1,500 0	complete deing is from a st earnings a 19,015, Area: Objective: a fleet of cons revenue, ar 3,811,	esign of combins well as 500 0 Citywic Mainte struction and other 500	several ation of net is interagence 89,662,25 de nance & Rej n equipment construction 18,858,00
contract mains including SW Bancroft proceeds from revenue bond sales, warevenue. Total Requirements Operating and Maintenance Costs Field Support (WBDIFS) Project Description This program funds the supplies, equipand vehicles are managed through this fund revenues such as system develop. Total Requirements Operating and Maintenance Costs	Terrace at Terwilliater sales revenue, 0 Confidence Le ment and facilities program. The proposed program and charges and	ring number of piger and a project and other cons 7,035,981 vel: Optimal s that the bureau piget funding is figure to a remaining a construction of the constructio	etitions mains supt to construct the truction fund reverse 16,273,650 0 in the field crews use the truction a combination gs.	porting new development of the process of the proce	Project Cost: I Project Cost: Derate the water from revenue be a 3,769,5	the bureau exposass. The project of	ects to ct fundi interes 5,500 0 g ureau's er sales 1,500 0	complete deing is from a st earnings a 19,015, Area: Objective: a fleet of cons revenue, ar 3,811,	esign of combins well as swell as 500 0 Citywic Mainte struction of 0 Citywic	several ation of net s interagence 89,662,25 de nance & Repart requipment 18,858,00 de
contract mains including SW Bancroft proceeds from revenue bond sales, wa revenue. Total Requirements Operating and Maintenance Costs Field Support (WBDIFS) Project Description This program funds the supplies, equipand vehicles are managed through this fund revenues such as system develop. Total Requirements Operating and Maintenance Costs	Confidence Le coment and facilities program. The program of the p	ring number of p ger and a projec and other cons 7,035,981 vel: Optimal s that the bureau bject funding is f interest earning 2,242,610 vel: Optimal to the Portland vel & Rescue Bur ation of net proces	etitions mains super to construct the truction fund reverse 16,273,650 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	porting new dever Portland Heights nues such as sys 16,342,10 Total Proriginary or maintain and open of net proceeds 3,769,50 Total Proriginary or maintain and open of net proceeds 3,769,500 Total Proriginary or maintain and open of net proceeds 3,769,500	plopment. Also, Pump Main Byr, Item development. Also, Pump Main Byr, Item development. Item developme	the bureau exposass. The project of	ects to ct fundi interes 5,500 0 g ureau's er sales 1,500 0 g	complete deing is from a st earnings a 19,015, Area: Objective: s fleet of cons revenue, as 3,811, Area: Objective:	sign of combins well as 500 0 Citywic Mainte 500 0 Citywic Replace the charrepairal	several ation of net s interagence 89,662,25 de nance & Rep n equipment construction 18,858,000 de seement ellenge of a ble to
contract mains including SW Bancroft proceeds from revenue bond sales, we revenue. Total Requirements Operating and Maintenance Costs Field Support (WBDIFS) Project Description This program funds the supplies, equip and vehicles are managed through this fund revenues such as system develop. Total Requirements Operating and Maintenance Costs Hydrants (WBDIHY) Project Description There are approximately 16,000 fire hy fire emergency through coordination we increase efficiency. The project funding increase efficiency.	Confidence Le coment and facilities program. The program of the p	ring number of p ger and a projec and other cons 7,035,981 vel: Optimal s that the bureau bject funding is f interest earning 2,242,610 vel: Optimal to the Portland vel & Rescue Bur ation of net proces	etitions mains supt to construct the truction fund reverse 16,273,650 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	porting new dever porting new dever portland Heights nues such as sys 16,342,10 Total Proriginary of net proceeds 3,769,50 Total Proriginary of net proceeds 1,769,50 Total Proriginary of net proc	project Cost: I Project Cost:	the bureau exposass. The project of	ects to ct fundi interes 5,500 0 g ureau's er sales 1,500 0 g	complete deing is from a st earnings a 19,015, Area: Objective: s fleet of cons revenue, as 3,811, Area: Objective:	esign of combins well as swell as 500 0 Citywic Mainte struction of Citywic Replace the charenates struction of th	several ation of net sinteragence. 89,662,25 de nance & Reponse nance & Reponse nance at the construction 18,858,000 de the seement at the construction at the cons

Capital Improvement Plan Summaries

Capital Program	Prior	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	
Project	Years	Revised	Adopted	Estimated	Estimated	Estimated	Estimated	5-Year
	Capital	Budget	Budget	Budget	Budget	Budget	Budget	Total
•								

Distribution

Meters (WBDIME) Total Project Cost: Ongoing Area: Citywide

Confidence Level: Optimal Original Project Cost: Ongoing Objective: Replacement

Project Description

The bureau has thousands of meters that monitor the quantity of water flowing through the system. The bureau purchases about 8,500 meters annually, some when customers request a new water service. These meters are tools to effectively and efficiently manage the allocation of costs of service to public agencies, commercial enterprises and other non-residential customers. The bureau is also installing automated meter reading devices and non-skid access lids where applicable. The bureau objective is to maintain metering devices to read within 3% of actual values. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, BES contribution, and other construction fund revenues such as system development charges and interest earnings.

Total Requirements	0	1,040,000	1,092,000	1,092,000	1,092,000	1,092,000	1,092,000	5,460,000
Operating and Maintenance Costs			0	0	0	0	0	

Pump Stations and Tanks (WBDIPT)

Total Project Cost: Ongoing Area: Citywide

Confidence Level: Optimal Original Project Cost: Ongoing Objective: Replacement

Project Description

This program maintains a large variety of infrastructure consisting of water storage tanks, pumps, and pump and control facilities. The bureau uses a reliability-centered maintenance analysis to prioritize projects in these areas. The focus for this program continues to be the replacement of the remote telemetry units at over 140 remote sites. The existing units are over 15 years old and are becoming obsolete. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

Total Requirements	0	440,000	1,457,000	934,000	1,101,500	3,150,000	3,150,000	9,792,500
Operating and Maintenance Costs			0	0	0	0	0	

Services (WBDISV) Total Project Cost: Ongoing Area: Citywide

Confidence Level: Optimal Original Project Cost: Ongoing Objective: Maintenance & Repa

Project Description

A service is the connection between the water main and any given customer's service meter. Service connections are always performed by bureau crews. This program funds installation and upgrade of about 1,000 water service connections annually. The funds facilitate construction of replacement water services requested by customers for new development as well as redevelopment. A fee is collected for new service requests to partially reimburse the bureau's costs. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue and other construction fund revenues such as system development charges, interagency revenue, and interest earnings.

Total Requirements	0	6,801,000	4,357,500	4,357,500	4,357,500	4,357,500	4,357,500	21,787,500
Operating and Maintenance Costs			0	0	0	0	0	

Maintenance and Reliability

Maintenance Capital - Construction (E04861)

Total Project Cost: Ongoing Area: Citywide

Confidence Level: Moderate Original Project Cost: Ongoing Objective: Replacement

Project Description

The sewage and drainage collection systems develop structural and capacity problems as development occurs and the system ages. This program addresses small deficiencies in the collection system using city maintenance crews and equipment. Individual activities are determined in response to problems identified by inspection and field investigations during the course of the year. Examples of work performed under this project include trash rack replacement, culvert replacement, sump and sediment manhole construction, manhole replacement, large spot repairs and small reconstructions, diversion modifications, deep underground repairs, and single-block sewer replacements. Project is funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Requirements	21,525,534	230,000	230,000	240,000	240,000	240,000	240,000	1,190,000
Operating and Maintenance Costs			0	0	0	0	0	

Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-1 Estimated Budget	d	FY 2019-2 Estimated Budget		5-Year Total
Maintenance and Reliability										
Maintenance Capital - Contract (E04	863)			Total Pro	oject Cost:	Ongoing		Area:	Citywid	е
	Confidence Le	evel: Low		Original	Project Cost:	Ongoing	O	bjective:	Replac	ement
Project Description										
The Maintenance Capital-Contract prog of the inventory, structural failures or ne routine sewer inspection program. Durir and property. The project is funded by b	ear failures, localizing any given fisca	zed flooding, and al year, subprojec	hydraulic capacity ts are prioritized b	problems often ased on the critic	occur during th	e year. Many of	these ar	re discove	red throu	igh the
Total Requirements	77,507,786	2,700,000	2,800,000	3,000,000	3,000,0	00 3,000	,000	3,500,	000	15,300,00
Operating and Maintenance Costs			0	0		0	0		0	
NWN: Far North Nicolai (E08401)				Total Pro	oject Cost:	5,140,000		Area:	Northw	est
	Confidence Le	evel: High		Original	Project Cost:	3,770,000	0	bjective:	Replac	ement
Project Description										
This project constructs approximately 8 problems. Located in NW Portland, the Funded by bond proceeds repaid by sar	project area is g	enerally bound by	Reed, Hwy 30, T							
Total Requirements	519,287	2,090,000	4,500,000	0		0	0		0	4,500,00
Operating and Maintenance Costs			0	0	ı	0	0		0	
NWN: North Tanner Pipe Construction	on (E08402)			Total Pro	oject Cost:	1,080,000	ř	Area:	Northw	est
	Confidence Le	evel: Optimal		Original	Project Cost:	9,621,000	O	bjective:	Replac	ement
Project Description										
This project is part of a previously planr 21st and 22nd avenues. The existing c Master Plan, is expected to increase thi	lay pipes are ove	r 100 years old a	nd too small result	ing in potential s	ewer backups.	The adjacent ne				
Total Requirements	25,933	0	700.000	_		^	0		0	700,00
rotal ricquirements	20,000	U	700,000	0		0	U		•	,
Operating and Maintenance Costs	25,500	U	700,000	0		0	0		0	,
•			0	0			0	Area:		
Operating and Maintenance Costs		ction (E08659)	0	Total Pro		5,232,000	0	Area: bjective:	0 Southe	ast
Operating and Maintenance Costs	pe Reconstru	ction (E08659)	0	Total Pro	oject Cost:	5,232,000	0		0 Southe	ast
Operating and Maintenance Costs TGD: SE Powell Green Street and Pi	confidence Le	ction (E08659) evel: High of pipe including on facilities. This	0 1,790 LF in poor oproject is a combin	Total Pro Original condition and 3,1	pject Cost: Project Cost: 30 LF with inactior projects. Lo	5,232,000 7,026,000 dequate capacity scated in SE, the	Olor, and 36	bjective: 65 LF of se wo project	Southe Replace	ast ement ensions. Thisenerally
Operating and Maintenance Costs TGD: SE Powell Green Street and Pi Project Description This project reconstructs approximately project also constructs 50 vegetated ste bound (1) between Taggart and 7th and	confidence Le	ction (E08659) evel: High of pipe including on facilities. This	0 1,790 LF in poor oproject is a combin	Total Pro Original condition and 3,1	pject Cost: Project Cost: 30 LF with inaction projects. Loolds. This projects	5,232,000 7,026,000 dequate capacity posted in SE, the ect is funded by the	Olor, and 36	bjective: 65 LF of se wo project	Southe Replace	ast ement ensions. Thisenerally

Capital Improvement Plan Summaries

		Oapitai iiii	provement	i iaii Gaiiiii	iarics				
Capital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget	FY 2019-2 Estimate Budget	d	5-Year Total
Maintenance and Reliability									
TGD: SE Hawthorne Greenstreet an	d Pipe Recons	struction (E08	668)	Total Pr	oject Cost:	6,545,000	Area:	Southe	ast
	Confidence Lo	evel: High		Original	Project Cost:	2,216,000	Objective:	Replac	ement
Project Description This project combines E08671 and E0bound by Yamhill, 46th, Main, and 49th to 111 parcels and street flooding at 21	n. Together the pr	ojects will rehab 4	,813 linear feet of	pipe, install 28	stormwater facil	ities, plant 277 tre			
Total Requirements	1,096,516	898,000	4,500,000	200,000	85,0	000	0	0	4,785,00
Operating and Maintenance Costs			0	()	0	0 2	,000	
NWN: BCC Support Project (E09017	7) Confidence L	evel: High			oject Cost:	3,200,000 5,912,000	Area: Objective:	Northw Replac	
is generally bound by Yeon, 29th, Nico Total Requirements Operating and Maintenance Costs	lai, and St. Helen 664,171	1,581,000	1,670,000	ond proceeds rej ()	0 0	0 0	0	1,670,00
CE Intercenter Behabilitation (E100	20)			Tatal Da	aiaat Oaat	44.000.000	Aroni	Courths	
SE Interceptor Rehabilitation (E100	ວບ) Confidence Lo	evel: Low			oject Cost: Project Cost:	14,200,000 8 322 000		Southe	ast nance & Rep
Ducinet Description		2000		Origina	i i i ojoot oooti	0,022,000	Objective.	Mairito	nance a rich
Project Description This project rehabilitates two sections to 53 feet, from the intersection of SE (feet located between SE Caruthers and	Grand and Pine n	orth to NE Davis	and west in NÉ Da	avis to NE 3rd; a	nd 1,330 lineal t	feet of 66 inch x 5			
Total Requirements	224,439	495,000	3,500,000	6,000,000	4,000,0	000	0	0	13,500,00
Operating and Maintenance Costs			0	()	0	0	0	
Phase 2 Pipe Rehabilitation (E1003)	1)			Total Pr	oject Cost:	126,000,000	Area:	Citywid	le
•	•	evel: Moderate			Project Cost:		Objective:	Mainte	nance & Rep
Project Description This program includes structural rehab pipes have been prioritized based on brepaid by sanitary sewer and stormwat	usiness risk expo								
Total Requirements	37,493,401	41,028,000	32,252,000	28,713,000) 4,703,0	100	0	0	65,668,00
•	2.,.22,.0.	,===,000	,,000		.,. 00,0		-	-	32,222,00

0

0

0

apital Program Project	Prior Years Capital	FY 2014-15 Revised Budget	FY 2015-16 Adopted Budget	FY 2016-17 Estimated Budget	FY 2017-18 Estimated Budget	FY 2018-19 Estimated Budget	FY 2019-20 Estimated Budget	
aintenance and Reliability								
Structural Rehab Taggart Outfall 30) (E10220)			Total Pro	ject Cost:	14,805,000	Area:	Southeast
	Confidence Le	evel: Low		Original I	Project Cost:	14,805,000	Objective:	Maintenance & F
Project Description This project includes structural rehabil This project is funded by bond proceet				The sewer range	es in size from 6	64 to 118 inches in	diameter at de	pths of 20 to 65 fe
Total Requirements	200,230	1,405,000	650,000	1,630,000	7,250,00	0 4,000,000)	0 13,530,
Operating and Maintenance Costs		,,,,,,,,,	0	0		0 0		0
Burlingame Basin Infiltration and In	nflow (E10474)			Total Pro	ject Cost:	13,950,000	Area:	Southwest
	Confidence Le	evel: Low		Original I	Project Cost:	13,950,000	Objective:	Maintenance & F
Project Description								
Reduce the stormwater flow into the stormwater rates.	anitary sewers and	l eliminate sanitar	y sewer overflows	in the Burlingam	e basin. Funde	d by bond proceed	s repaid by sar	nitary sewer and
Total Requirements	4,348,321	2,934,000	3,436,000	200,000	50,00	0 2,650,000	1,000,0	7,336,
Operating and Maintenance Costs			0	0		0 0)	0
Project Description	Confidence Le	evel: Low			Project Cost:		Objective:	Southeast Maintenance & F
Project Description This project rehabilitates approximatel sewer backup for 143 properties. Loc This project is funded by bond proceed.	Confidence Le	evel: Low e in poor condition a is generally bou	and by Hawthorne,	Original I	Project Cost:	4,514,000 ter controls to relie	Objective:	Maintenance & F
Project Description This project rehabilitates approximatel sewer backup for 143 properties. Loc	Confidence Le	evel: Low e in poor condition a is generally bou	and by Hawthorne,	Original I	Project Cost:	4,514,000 ter controls to relie roject has a positiv	Objective: ve street floodi e cost to benef	Maintenance & F
Project Description This project rehabilitates approximatel sewer backup for 143 properties. Loc This project is funded by bond proceed	Confidence Leady 1,300 feet of pipe ated in SE, the areds repaid by sanitation	e in poor condition a is generally boury sewer and stor	und by Hawthorne, mwater rates.	Original I	street stormwa nd 36th. The p	4,514,000 ter controls to relie roject has a positiv	Objective: we street floodi e cost to benef	Maintenance & F ng and basement it ratio (CBR) = 0.
Project Description This project rehabilitates approximatel sewer backup for 143 properties. Loc This project is funded by bond proceed Total Requirements	Confidence Leady 1,300 feet of pipe ated in SE, the areds repaid by sanitation	e in poor condition a is generally boury sewer and stor	and by Hawthorne, mwater rates. 160,000	Original I ments and install 48th, Division, a 612,000	street stormwa nd 36th. The p	4,514,000 ter controls to relie roject has a positiv 0 2,000,000	Objective: ve street floodi e cost to benef	Maintenance & F ng and basement it ratio (CBR) = 0. 0 4,662,
Project Description This project rehabilitates approximatel sewer backup for 143 properties. Loc This project is funded by bond proceed Total Requirements Operating and Maintenance Costs	Confidence Leady 1,300 feet of pipe ated in SE, the areds repaid by sanitation	e in poor condition a is generally bourry sewer and stor	and by Hawthorne, mwater rates. 160,000	Original I ments and install 48th, Division, a 612,000 0 Total Pro	street stormwa nd 36th. The pi	4,514,000 ter controls to relie roject has a positiv 0 2,000,000 0 0	Objective: ve street floodi e cost to benef	Maintenance & F ng and basement it ratio (CBR) = 0. 0 4,662, 0
Project Description This project rehabilitates approximatel sewer backup for 143 properties. Loc This project is funded by bond proceed Total Requirements Operating and Maintenance Costs	Confidence Leady 1,300 feet of piper ated in SE, the areds repaid by sanitared.	e in poor condition a is generally bourry sewer and stor	and by Hawthorne, mwater rates. 160,000	Original I ments and install 48th, Division, a 612,000 0 Total Pro	street stormwa nd 36th. The pi 1,890,00	4,514,000 ter controls to relie roject has a positiv 0 2,000,000 0 0	Objective: ve street floodi e cost to benef	Maintenance & F ng and basement it ratio (CBR) = 0. 0 4,662, 0 Citywide
Project Description This project rehabilitates approximatel sewer backup for 143 properties. Loc This project is funded by bond proceed Total Requirements Operating and Maintenance Costs Pipe Rehab Phase 3 (E10500)	Confidence Le	e in poor condition is a is generally bount is generally bount is generally bount in a condition of the condition is generally bounded.	nd by Hawthorne, mwater rates. 160,000 0	Original I ments and install 48th, Division, a 612,000 0 Total Pro Original I	street stormwa nd 36th. The pi 1,890,00 ject Cost: Project Cost:	4,514,000 ter controls to relievely the relievely that a positive of the relievely that a positive	Objective: ve street floodi e cost to benef Area: Objective:	Maintenance & F ng and basement it ratio (CBR) = 0. 0 4,662, 0 Citywide Maintenance & F
Project Description This project rehabilitates approximatel sewer backup for 143 properties. Loc This project is funded by bond proceed Total Requirements Operating and Maintenance Costs Pipe Rehab Phase 3 (E10500) Project Description This project includes structural rehabil	Confidence Le	e in poor condition is a is generally bount is generally bount is generally bount in a condition of the condition is generally bounded.	nd by Hawthorne, mwater rates. 160,000 0	Original I ments and install 48th, Division, a 612,000 0 Total Pro Original I	street stormwa nd 36th. The pi 1,890,00 ject Cost: Project Cost:	ter controls to relievely to the controls to relievely the controls the controls to relievely the controls the controls the controls to relievely the controls the controls the control to the control that	Objective: ve street floodi e cost to benef Area: Objective:	Maintenance & F ng and basement it ratio (CBR) = 0. 0 4,662, 0 Citywide Maintenance & F nce of failure. This
Project Description This project rehabilitates approximatel sewer backup for 143 properties. Loc This project is funded by bond proceed Total Requirements Operating and Maintenance Costs Pipe Rehab Phase 3 (E10500) Project Description This project includes structural rehabil project is an outgrowth of the Phase 2	Confidence Le	e in poor condition is is generally boury sewer and stor	160,000 0 array sewers that arround proceeds reponded to the sewers that arround the sewers the sewers that arround the sewers the sewers the sewers the sewers that arround the sewers the sewe	Original I ments and install 48th, Division, a 612,000 0 Total Pro Original I	street stormwa nd 36th. The pi 1,890,00 ject Cost: Project Cost: eir economic life ewer and storm 28,455,00	ter controls to relievely to the controls to relievely the controls the controls to relievely the controls the controls the controls the controls the controls the controls the control that the control tha	Objective: ve street floodi e cost to benef Area: Objective:	Maintenance & F ng and basement it ratio (CBR) = 0. 0 4,662, 0 Citywide Maintenance & F nce of failure. This
Project Description This project rehabilitates approximatel sewer backup for 143 properties. Loc This project is funded by bond proceed Total Requirements Operating and Maintenance Costs Pipe Rehab Phase 3 (E10500) Project Description This project includes structural rehabil project is an outgrowth of the Phase 2 Total Requirements	Confidence Le	e in poor condition is is generally boury sewer and stor	160,000 0 arry sewers that around proceeds rep 3,121,000	Original I ments and install 48th, Division, a 612,000 0 Total Pro Original I e at the end of the paid by sanitary so 17,418,000 0	street stormwa nd 36th. The pi 1,890,00 ject Cost: Project Cost: eir economic life ewer and storm 28,455,00	4,514,000 ter controls to relieve roject has a positive of the second o	Objective: ve street floodi e cost to benef Area: Objective: hest conseque	Maintenance & F Ing and basement it ratio (CBR) = 0. 0 4,662, 0 Citywide Maintenance & F Ince of failure. This
Project Description This project rehabilitates approximatel sewer backup for 143 properties. Loc This project is funded by bond proceed Total Requirements Operating and Maintenance Costs Pipe Rehab Phase 3 (E10500) Project Description This project includes structural rehabil project is an outgrowth of the Phase 2 Total Requirements Operating and Maintenance Costs	Confidence Le	e in poor condition is is generally bounty sewer and store of the condition of the conditio	160,000 0 arry sewers that around proceeds rep 3,121,000	Original I ments and install 48th, Division, a 612,000 0 Total Pro Original I e at the end of th haid by sanitary so 17,418,000 0 Total Pro	street stormwa nd 36th. The pi 1,890,00 ject Cost: Project Cost: eir economic lifewer and storm 28,455,00	4,514,000 ter controls to relieroject has a positive of the p	Objective: ve street floodi e cost to benef Area: Objective: hest consequen 18,000,0	Maintenance & F Ing and basement it ratio (CBR) = 0. 0 4,662, 0 Citywide Maintenance & F Ince of failure. This 000 85,404, 0
Project Description This project rehabilitates approximatel sewer backup for 143 properties. Loc This project is funded by bond proceed Total Requirements Operating and Maintenance Costs Pipe Rehab Phase 3 (E10500) Project Description This project includes structural rehabil project is an outgrowth of the Phase 2 Total Requirements Operating and Maintenance Costs	Confidence Leady 1,300 feet of pipe ated in SE, the area described by sanitar of the confidence Leady Program. This protect of the confidence Leady Confidence	e in poor condition is generally bount is generally	and by Hawthorne, mwater rates. 160,000 0 arry sewers that arround proceeds rep. 3,121,000 0	Original I ments and install 48th, Division, a 612,000 0 Total Pro Original I e at the end of the paid by sanitary se 17,418,000 0 Total Pro Original I	street stormwa nd 36th. The pi 1,890,00 ject Cost: Project Cost: eir economic life ewer and storm 28,455,00 ject Cost: Project Cost:	4,514,000 ter controls to relieve roject has a positive roject ha	Objective: ve street floodi e cost to benef Objective: hest conseque 18,000,0 Area: Objective:	Maintenance & F Ing and basement it ratio (CBR) = 0. 0
Project Description This project rehabilitates approximatel sewer backup for 143 properties. Loc This project is funded by bond proceed Total Requirements Operating and Maintenance Costs Pipe Rehab Phase 3 (E10500) Project Description This project includes structural rehabil project is an outgrowth of the Phase 2 Total Requirements Operating and Maintenance Costs Large Diameter Sewer Rehabilitation Project Description This program will perform spot and when the sewer response to the program will perform spot and when the sewer response to the sewer respons	Confidence Leady 1,300 feet of pipe ated in SE, the area described by sanitar of the confidence Leady Program. This protect of the confidence Leady Confidence	e in poor condition is generally bount is generally	and by Hawthorne, mwater rates. 160,000 0 arry sewers that arround proceeds rep. 3,121,000 0	Original I ments and install 48th, Division, a 612,000 0 Total Pro Original I e at the end of the paid by sanitary se 17,418,000 0 Total Pro Original I	street stormwa nd 36th. The pi 1,890,00 ject Cost: Project Cost: eir economic life ewer and storm 28,455,00 ject Cost: Project Cost:	4,514,000 ter controls to relieroject has a positive of the p	Objective: ve street floodi e cost to benef Area: Objective: hest consequen 18,000,0 Area: Objective:	Maintenance & F ng and basement it ratio (CBR) = 0. 0

Capital Improvement Plan Summaries

Capital Program	Prior	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	
Project	Years	Revised	Adopted	Estimated	Estimated	Estimated	Estimated	5-Year
	Capital	Budget	Budget	Budget	Budget	Budget	Budget	Total

Regulatory Compliance

Water Quality and Regulatory (WBRCRC)

Total Project Cost: Ongoing Area: Undetermined

Confidence Level: Optimal Original Project Cost: Ongoing Objective: Mandated

Project Description

The bureau recognizes the Bull Run Watershed as a diverse ecosystem. The bureau is committed to preserving this habitat and complying with federal regulations using practical, locally driven solutions. Many of the projects in this subprogram respond to the Clean Water Act and Endangered Species Act, including the implementation of the Bull Run Habitat Conservation Plan as adopted by City Council and approved by the National Marine Fisheries Service. Consistent with Habitat Conservation Plan commitments, this program funds easements, purchases land, and supports projects jointly conducted with other watershed partners. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue and other construction fund revenues such as system development charges and interest earnings.

Total Requirements	0	1,561,000	1,858,500	2,184,000	2,184,000	2,184,000	2,184,000	10,594,500
Operating and Maintenance Costs			0	0	0	0	0	

Supply

Groundwater Electrical Supply (W01371) Total Project Cost: 2,350,000 Area: Northeast

Confidence Level: High Original Project Cost: 2,200,000 Objective: Maintenance & Repa

Project Description

The 2000 PWB System Vulnerability Analysis and later reports identified a vulnerability for electrical failures at PWB's Groundwater Pump Station. The cost of a possible transformer failure is significant, mainly due to the time needed for transformer replacement. The 2009 Portland Water Bureau Groundwater Pump Station 115kV/4160V Electrical Systems Vulnerability Reduction document studied alternatives for addressing the risk. Other major studies that addressed this issue are the 2008 Groundwater Vulnerability to Flooding and Electrical Outages Project Concept Report and the 2008 Suggestions for Additional GW Vulnerability Reduction Assessment. This project consists of design and construction of a new high-voltage transformer and other components to complete a double-ended electrical substation at the Groundwater Pump Station. It will also include a new main breaker replacement and purchase of selected spare components. In FY 2015-16, this project will start construction. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue and other construction fund revenues such as system development charges and interest earnings.

Total Requirements	300,000	64,000	1,670,000	0	0	0	0	1,670,000
Operating and Maintenance Costs			0	0	0	0	0	

Road 10 MP 4.6 - 6.2 (W01825)

Total Project Cost: 1,280,000 Area: Citywide

Confidence Level: Low Original Project Cost: 1,280,000 Objective: Maintenance & Repa

Project Description

This segment of Road 10 is part of the primary access to the bureau's Headworks facility. It also provides a secondary egress from the watershed, should the main route be blocked. This important road assessed as in "Poor" condition and the road width does not meet the current design standard. This project will grind existing pavement, restore road subgrade, pave, and stripe 2 miles of Road 10. The road will be brought up to current standards for width using fill and walls to add an average of 2 feet of width to the segment. Approximately 6 culverts will be replaced with aluminum alloy pipe. In FY 2015-16, this project will finish and construction will begin. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue and other construction fund revenues such as system development charges and interest earnings.

Total Requirements	0	45,000	371,000	858,000	0	0	0	1,229,000
Operating and Maintenance Costs			0	0	0	0	0	

Road 10 MP 3.0 - 4.6 (W01826) Total Project Cost: 1,120,000 Area: Citywide

Confidence Level: Low Original Project Cost: 1,120,000 Objective: Maintenance & Repa

Project Description

This road is in poor condition and the road width does not meet the current design standard. It is another segment of Road 10 that is part of the primary access road to the bureau's Headworks facility. It is used regularly by heavy vehicles delivering supplies and by PWB staff reporting to work daily. This project will grind existing pavement, restore road subgrade, pave, and stripe 1.6 miles of Road 10. The road will be brought up to current standards for width using fill and walls to add an average of 3 feet of width to the segment. Approximately 9 culverts will be replaced. In FY 2015-16, this project will complete construction. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue and other construction fund revenues such as system development charges and interest earnings.

Total Requirements	0	160,000	960,000	0	0	0	0	960,000
Operating and Maintenance Costs			0	0	0	0	0	

Capital Improvement Plan Summaries

Capital Program	Prior	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	
Project	Years	Revised	Adopted	Estimated	Estimated	Estimated	Estimated	5-Year
	Capital	Budget	Budget	Budget	Budget	Budget	Budget	Total

Supply

NEW - Road 10R MP 28.77 to 31.85 (W01874)

Total Project Cost:

2,100,000

Area: Undetermined

Confidence Level: Low

Original Project Cost: 2,100,000

Objective: Maintenance & Repa

Project Description

This segment of Road 10 provides access from Bull Run Lake to secondary egress from the watershed, should the main route be blocked. This secondary road is considered at the low end of "Fair" condition with a remaining service life of approximately 5 years. This project is recommended by the 2012 Bull Run Roads Asset Management Plan. This project will grind existing pavement, restore road subgrade, reconstruct turnouts, pave, and stripe 3.08 miles of Road 10. The road meets the design width for this Class B segment; however several failures have occurred in turnouts designed to accommodate passing vehicles. The road condition assessment indicates the average width of this road meets the design standard, however isolated widening may be required. Current condition ratings indicate one culvert will be replaced. Culvert inspection during design may indicate the need to replace more. In FY 2015-16, this project will begin design. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue and other construction fund revenues such as system development charges and interest earnings.

Total Requirements	0	0	60,000	200,000	740,000	1,100,000	0	2,100,000
Operating and Maintenance Costs			0	0	0	0	0	

NEW - Road 10H MP 10.95 to 12.56 (W01875)

Total Project Cost:

822,000

Area: Undetermined

Confidence Level: Low

Original Project Cost: 822,000

Objective: Maintenance & Repa

Project Description

This segment of Road 10 provides access from Headworks to secondary egress from the watershed, should the main route be blocked. This secondary road is at the low end of fair condition and the road width does not meet the current design standard for this Class A road. This project is recommended by the 2012 Bull Run Roads Asset Management Plan. This project will grind existing pavement, restore road subgrade, pave, and stripe 1.61 miles of Road 10. The road condition assessment indicates the average width of this road meets the design standard, however isolated widening may be required. Current condition ratings indicate one culvert will also be replaced. Culvert inspection during design may indicate a need to replace more. In FY 2015-16, this project will begin design. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue and other construction fund revenues such as system development charges and interest earnings.

Total Requirements	0	0	120,000	702,000	0	0	0	822,000
Operating and Maintenance Costs			0	0	0	0	0	

Bull Run Watershed (WBSUBR)

Total Project Cost:

Ongoing

Area: Undetermined

Confidence Level: Optimal

Original Project Cost: Ongoing

Objective: Maintenance & Repa

Project Description

"The Bull Run Watershed provides one of the highest quality drinking water sources in the United States. The bureau is committed to updating the Bull Run Watershed protection and maintenance procedures and agreements based on the 2007 Bull Run agreement with the Mt. Hood National Forest. Funds in this program maintain, improve, and protect the watershed roads and facilities. Many of these facilities are between 50-70 years old. Projects address the proper functioning of watershed assets, such as the dams and the intake and treatment facilities. Proper functioning of these assets helps the bureau to continue to operate an unfiltered system. In FY 2015-16, the bureau will continue discussions about the formal land exchange with the U.S. Forest Service. The proposed land exchange would convey approximately 2,800 acres of National Forest System land to the City of Portland in exchange for approximately 2,500 acres of City-owned lands within the Bull Run Watershed Management Unit. The purpose of the proposed land exchange is to create a better alignment of land ownership responsibilities with the respective missions of the agencies. The proposed exchange would consolidate City holdings to lands surrounding the two water supply reservoirs and associated infrastructure. The U.S. Department of Agriculture Forest Service would acquire forested uplands that are valuable for natural resource protection and ecosystem management. This program also funds the repair of Road 1010 which is a minor project under \$500,000. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue and other construction fund revenues such as system development charges and interest earnings.

Total Requirements	0	768,019	1,143,600	1,155,000	1,407,000	3,276,000	3,276,000	10,257,600
Operating and Maintenance Costs			0	0	0	0	0	

Groundwater (WBSUGW)

Total Project Cost:

Ongoing

Area: Northeast

Confidence Level: Optimal

Original Project Cost: Ongoing

Objective: Efficiency

Project Description

The Columbia South Shore Well Field is Portland's alternative supply of water should the Bull Run Watershed supply be interrupted for any reason. The well field's primary use is to supplement PWB peak demand in summers. If flow from Bull Run source must be interrupted or augmented due to storm-caused turbidity, drought conditions, or other causes, then the bureau pumps groundwater. The groundwater supply also allows the bureau to continue to operate without constructing and operating a filtration facility. Projects funded in this program improve the maintenance of this aging infrastructure, including repairs, selective replacements and upgrades. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue and other construction fund revenues such as system development charges and interest earnings

Total Requirements	0	478,000	493,500	546,000	546,000	546,000	546,000	2,677,500
Operating and Maintenance Costs			0	0	0	0	0	

Capital Improvement Plan Summaries

Project Years Revised Capital Budget	Adopted	Estimated	Estimated	Estimated	Estimated	5-Year
Capital Budget						o-icai
	Budget	Budget	Budget	Budget	Budget	Total

Support

Planning (WBASPL) Total Project Cost: Ongoing Area: Undetermined

Confidence Level: Optimal Original Project Cost: Ongoing Objective: Efficiency

Project Description

This program consists of general planning studies for projects needed to improve the operation of the water system. These include pressure zone adjustments, facility modifications, and system element studies. In FY 2015-16, the bureau will continue on a large-scale water system seismic analysis. The bureau will also continue studies on topics such as water quality key stations and water quality corrosion. The project funding is from water sales revenue.

Total Requirements	0	1,860,000	2,184,000	2,730,000	2,730,000	2,730,000	2,730,000	13,104,000
Operating and Maintenance Costs			0	0	0	0	0	

Surface Water Management

Watershed Investment (E08782)

Total Project Cost: Ongoing Area: Citywide

Confidence Level: Moderate Original Project Cost: Ongoing Objective: Efficiency

Project Description

This program funds watershed enhancements. Priority is given to projects that leverage other funding sources and/or address multiple watershed health goals. This project is funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Requirements	4,049,528	2,000,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
Operating and Maintenance Costs			2,000	2,000	2,000	2,000	2,000	

Systems Development

Party Sewers (E08748)

Total Project Cost: Ongoing Area: Citywide

Confidence Level: Low Original Project Cost: Ongoing Objective: Efficiency

Project Description

This program addresses existing "party sewers" – shared private sewer lines crossing private property (often without appropriate easements) or existing within the right-of-way. These sewers are older and generally have not been maintained. Over several years, this project will provide each property owner with direct access to a municipal sewer line or ensure that the property has acquired an easement for a separated private line. Most of the construction costs up to a "capped" amount will be reimbursed by property owners to the City through an LID assessment or through an in lieu of assessment line charge. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.

Total Requirements	7,276,357	2,400,000	2,000,000	2,000,000	2,000,000	1,000,000	1,000,000	8,000,000
Operating and Maintenance Costs			0	0	0	0	0	

Transmission/Terminal Storage

Powell Butte Reservoir 2 (W01343)

Total Project Cost: 117,310,000 Area: East

Confidence Level: Optimal Original Project Cost: 129,885,000 Objective: Mandated

Project Description

This project for compliance with the federal LT2 rule was divided into 2 phases – Phase 1 is complete. The Phase 2 project is to construct a 50-million-gallon underground reservoir at Powell Butte. The project scope includes construction of a maintenance and storage facility, replacing the caretaker's house, construction of an interpretive center and restrooms, reservoir overflow, park improvements, and mitigation requirements as part of the conditions for approval in the 2003 Land Use Review Type III Conditional Use Master Plan. In FY 2015-16, this project will be in closeout. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue and other construction fund revenues such as system development charges and interest earnings.

Total Requirements	100,800,000	12,600,000	800,000	0	0	0	0	800,000
Operating and Maintenance Costs			0	0	0	0	0	

Capital Improvement Plan Summaries

Capital Program	Prior	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	
Project	Years	Revised	Adopted	Estimated	Estimated	Estimated	Estimated	5-Year
	Capital	Budget	Budget	Budget	Budget	Budget	Budget	Total

Transmission/Terminal Storage

Washington Park (W01402)

Total Project Cost: 75,780,000 Area: West

Confidence Level: Moderate Original Project Cost: 61,132,686 Objective: Mandated

Project Description

The project will plan, design and construct a new buried reservoir to replace open Reservoir #3 at Washington Park. This project is part of compliance with the federal LT2 mandate to replace the open reservoirs. It is assumed that Reservoir #4 will be used as the overflow detention, dechlorination, and stormwater structure. The buried reservoir would be topped with a reflecting pond and historical features will be protected as much as possible. In FY 2015-16, this project will finalize design. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue and other construction fund revenues such as system development charges and interest earnings.

Total Requirements	6,700,000	6,910,000	4,910,000	17,400,000	22,020,000	12,240,000	6,010,000	62,580,000
Operating and Maintenance Costs			0	0	0	0	0	

Kelly Butte Reservoir (W01424)

Total Project Cost: 75,380,000 Area: Southeast

Confidence Level: Optimal Original Project Cost: 78,245,060 Objective: Mandated

Project Description

The purpose of this project is to increase storage capacity at Kelly Butte from 10 million gallons to 25 million gallons by replacing the existing tank with a buried reservoir. This includes improved site access, construction access and easements, staging areas, and on-site storage areas. This project establishes Kelly Butte as the water body that will be used for system pressure equalization and in-town terminal storage once the Mt. Tabor open reservoirs are disconnected from the water system. In FY 2015-16, this project will complete construction. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue and other construction fund revenues such as system development charges and interest earnings.

Total Requirements	49,810,000	13,550,000	4,260,000	300,000	0	0	0	4,560,000
Operating and Maintenance Costs			0	0	0	0	0	

NEW - Rockwood PUD Meter (W01489)

Total Project Cost: 530,000 Area: East

Confidence Level: Low Original Project Cost: 530,000 Objective: Efficiency

Project Description

This project will design and construct a replacement meter vault outside of the traffic lanes to reduce risk. The existing vault houses a wholesale meter with instrumentation and requires the closure of multiple lanes to access. Due to width and height restrictions, the business case identifies a high risk exposure for injury to staff working in the vault. The new vault will be in the parking lane/sidewalk area and will contain a check valve. Piping will be installed to reconnect the supply main to the distribution main. In FY 2015-16, this project will be in construction. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue and other construction fund revenues such as system development charges and interest earnings.

Total Requirements	20,000	85,000	400,000	5,000	0	0	0	405,000
Operating and Maintenance Costs			0	0	0	0	0	

Tabor Reservoir Adjustments (W01524)Total Project Cost:7,440,000Area:Southeast

Confidence Level: High Original Project Cost: 6,406,994 Objective: Mandated

Project Description

This project will make adjustments to piping, structures and other features at Mt. Tabor in order to move storage elsewhere and physically disconnect the open reservoirs from the public water system for compliance with the federal LT2 rule. The adjustments will work around the historical structures and not destroy them. The project does not include disposition of the reservoirs after they have been disconnected from the public water system. Disposition will be determined through a public process. A separate project will be developed at that time. In FY 2015-16, this project will complete design and be in construction. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue and other construction fund revenues such as system development charges and interest earnings.

Total Requirements	1,140,000	730,000	4,337,000	500,000	0	0	0	4,837,000
Operating and Maintenance Costs			0	0	0	0	0	

Capital Improvement Plan Summaries

Capital Program	Prior	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-2	0		
Project	Years	Revised	Adopted	Estimated	Estimated	Estimated	Estimated	d 5-Year		
	Capital	Budget	Budget	Budget	Budget	Budget	Budget	Total		
Transmission/Terminal Storage										
Sellwood Bridge Betterments	(W01724)			Total Pro	oject Cost:	975,000	Area:	Southwest		
Confidence Level: High			Original	Project Cost: 9	75 000	Objective:	Efficiency			

Project Description

The project will improve supply to Palatine Hills Water District and allow for other system improvements: (1) new SCADA equipment will provide timely information on flow through the Sellwood transmission line, and (2) installation of a new valve and small-diameter meter will allow PWB to perform leak detection on the Sellwood crossing. The project will install a new vault with two pressure-reducing valves, including, SCADA cabinet and controls. SCADA will be extended to a new flow meter (flow meter not a betterment). The project will install 206 linear feet of 16-inch DJ pipe with 65 linear feet in a 30-inch steel casing under the track right of way. It will also include a 30-inch butterfly valve and bypass meter to help with leak detection. In FY 2015-16, the project will complete closeout. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue and other construction fund revenues such as system development charges and interest earnings.

Total Requirements	40,000	718,000	5,000	0	0	0	0	5,000
Operating and Maintenance Costs			0	0	0	0	0	

Conduits and Transmission Mains (WBTTCT)

Total Project Cost: Ongoing Area: Undetermined

Original Project Cost: Ongoing Objective: Maintenance & Repa

Confidence Level: Optimal

The conduits that bring water to Portland from the Bull Run watershed are pipes 56 to 72 inches in diameter. This program funds repairs, replacements and upgrades to improve availability and accuracy of metered data from wholesale connections. Service to the City's wholesale customers is a key reason for the bureau's commitment to improve maintenance of this aging infrastructure. In future years, the bureau plans to line 4 to 5 miles of conduits each year at an estimated cost of \$4 to \$5 million dollars per mile. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue and other construction fund revenues such as system development charges and interest earnings.

Total Requirements	0	637,000	126,000	2,730,000	5,449,500	7,623,000	15,000,000	30,928,500
Operating and Maintenance Costs			0	0	0	0	0	

Terminal Reservoirs (WBTTTR)

Total Project Cost: Ongoing Area: Southeast

Confidence Level: Optimal Original Project Cost: Ongoing Objective: Mandated

Project Description

Project Description

The Terminal Reservoirs program includes conveying water from the supply facilities to the retail distribution system. Major assets in this program include the the terminal reservoirs, such as those at Powell Butte, Kelly Butte, Mt. Tabor, and Washington Park. The program provides for the rehabilitation, replacement, and expansion of smaller reservoir system assets. The program funding is from a combination of net proceeds from revenue bond sales, water sales revenue and other construction fund revenues such as system development charges and interest earnings.

Total Requirements	0	72,000	105,000	105,000	105,000	105,000	105,000	525,000
Operating and Maintenance Costs			0	0	0	0	0	

Treatment

Headworks Generator Improve. (W01860)

Total Project Cost: 1,670,000 Area: Citywide

Confidence Level: Low Original Project Cost: 1,670,000 Objective: Replacement

Project Description

The Headworks Facilities Plan recommends that PWB install a new emergency generator, switchgear and site electrical panels. The existing generator does not have sufficient capacity for current electrical loads. PWB planning staff recommended 14 improvements to reduce risks to the water treatment and supply system. Of the 14 recommendations, the improvements to the Headworks emergency generator, switchgear and site electrical panels would provide the greatest reduction in risk by mitigating three high-risk conditions. This recommended project will improve or replace the Headworks generator, fuel storage tank, and associated site electrical components. In FY 2015-16, this project will finish planning and begin design. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue and other construction fund revenues such as system development charges and interest earnings.

Total Requirements	0	55,000	285,500	300,000	890,000	145,000	0	1,620,500
Operating and Maintenance Costs			0	0	0	0	0	

Capital Improvement Plan Summaries

Capital Program	Prior	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	
Project	Years	Revised	Adopted	Estimated	Estimated	Estimated	Estimated	5-Year
	Capital	Budget	Budget	Budget	Budget	Budget	Budget	Total

Treatment

Treatment (WBTMTM) Total Project Cost: Ongoing Area: Undetermined

Confidence Level: Optimal Original Project Cost: Ongoing Objective: Mandated

Project Description

The Treatment Program provides for meeting or exceeding the federal and state requirements for a public water system utilizing an unfiltered surface water source as well as a groundwater source. The program funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

 Total Requirements
 0
 226,000
 0
 52,500
 52,500
 525,000
 10,500,000
 11,130,000

 Operating and Maintenance Costs
 0
 0
 0
 0
 0
 0
 0